

CPs Eye Upgrade Of Outmoded Guns

By Zareena Hussain
ASSOCIATE NEWS EDITOR

In an effort to keep up with technology, Campus Police are currently exploring the possibility of upgrading their firearms from revolvers to semiautomatic weapons, said Chief Anne P. Glavin.

"It's an issue of modernization," Glavin said. "Clearly the police should have the most modern equipment." Glavin cited that most police departments use semiautomatic weapons, including other campus police departments, including those at Harvard University, Boston University, and Boston College.

Campus Police officers currently use .38 Smith and Wesson revolvers. Glavin said that this is a "pretty outmoded weapon."

Glavin would not comment on the specific brands of semiautomatic weapons the police are currently examining.

Campus Police rarely open fire

Although no statistics are kept on how often police officers draw their weapons, "it's not an unusual occurrence" over the course of 100 arrests per year that an officer would occasionally draw his weapon, Glavin said.

However, while officers may sometimes draw their weapons, no time in the past year has a Campus

Police officer had to open fire, Glavin said.

There have been "two, maybe three situations" in the past 22 years at the Institute in which a police officer has had to fire a weapon, Glavin said. There have been none such instances in recent years, she added.

Decision still in early stages

The decision to buy semiautomatic weapons for all sworn police officers is still in the preliminary stage.

"We're in no rush; no timeframe has been set," Glavin said.

The Campus Police, as with any other MIT department, receives Institute funds to cover expenses. Glavin expects semiautomatic weapons to be slightly more expensive than revolvers, she said.

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Performers soar during Dance Troupe's "Unstoppable," playing this weekend in La Sala de Puerto Rico.

RICH FLETCHER—THE TECH

Phone Company Illegally Uses MIT Name

By Carina Fung
STAFF REPORTER

Last month, the Institute sent a letter to a local communications company named SmallWorld Communications, asking it to refrain from illicitly using MIT's telephone directory and making unauthorized references to MIT in

its promotional mailings.

This is not the first time organizations outside of MIT have used the Institute's name to endorse their products without consent, said Thomas R. Henneberry, director of insurance and legal affairs. "About five cease-and-desist letters are sent to organizations each year," usually

because of an infringement on MIT's name or logo, he said.

Only staff received mailings

Henneberry was one of the original recipients of SmallWorld's letters of solicitation. He said he does not believe that any letters were sent to students. He was notified by at

least a dozen other employees who received the same mailing and were curious as to whether MIT had authorized it. Concern was also raised as to how addresses of staff members had been obtained, he said.

The Office of the Secretary of the Corporation also contacted Henneberry to discuss how this issue should be presented to the MIT community, in explaining how this mailing was not an authorized contract.

In mid-April, Henneberry sent an e-mail message to all administrative officers at MIT to "provide notice that a recent written solicitation regarding cellular telephones received by many MIT staff from SmallWorld Communications was in no way sanctioned by the Institute."

Henneberry also indicated that he would try to determine how SmallWorld had accessed an Institute telephone directory and that there would be an attempt to prevent such access in the future.

"With SmallWorld's use of MIT's initials in their letter, implication could have been drawn that MIT was endorsing this mechanism of contact [through obtaining addresses from the telephone directory]. This implication was absolutely invalid," Henneberry said.

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Interns to Connect Chinese Schools to Internet

By Sharmin Ghaznavi
STAFF REPORTER

This summer 13 MIT undergraduates will travel to China to make their contributions in an effort to bring international communities of students together. As interns in the MIT-China Educational Technology Initiative program, these students will help five high schools in China connect to the Internet.

It is hoped that this connection to the

Internet will allow the high schools to tap into the vast educational possibilities provided by the medium and increase communication between students in different countries.

"We want to make this a global communication effort," said Daniel T. Hu '00, an intern in the program.

MIT-CETI interns will spend six weeks at the high schools. In that time they will set up servers, teach students how to update and maintain the

servers, introduce various software, and help students create their own World Wide Web pages.

Graduate students began program

Jacob J. Seid G and Ronald Cao G, students in the Department of Electrical Engineering and Computer Science, started MIT-CETI to provide cross cultural opportunities to MIT undergraduates. The program is the result of a project started a little less than two years ago by Seid and Cao called the Computer Educational Development Initiative.

That project took Seid and Cao to China to advance computer-aided education at Chinese high schools. Both said they have a deeper understanding of the Chinese people and culture as a result of their experience with CEDI. They also said they wanted to extend this opportunity to other MIT undergraduates.

MIT-CETI is made possible by funding from the MIT-International Science and Technology Initiative and corporate sponsors.

A number of individuals have also provided significant support including Professor of Political Science and Director of MISTI Suzanne Berger; Hong Z. Tan SM '88, research scientist at the Media Laboratory; Li Xing, director of China's education network; and Zhang Weijiang, deputy director of Shanghai's Education Commission.

"We want [MIT-CETI] to be seen as a partnership. ... It takes people in China, at MIT, and corporations to make this possible," Cao said.

Students applied to participate

The program was advertised to the MIT community through open houses and the use of various e-mail lists. Over 50 students expressed interest, and 22 of them completed applications.

From those 22, interns were chosen based on three criteria: fluency in the language, technical competency, and personal initiative.

Interns work in teams that are based on complementary language and technical skills. This allows students who do not know the language an equal opportunity to take part in the program.

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JIRI SCHINDLER—THE TECH

As part of the MIT-China Educational Technology Initiative program, students will travel to China this summer to help high schools connect to the Internet. (From left to right, front to back) Xiaomin Mou '00, (Second row) Daniel T. Hu '00, Jacob J. Seid '96, James M. Montgomery '98, Ron Cao '96, Daniel A. Dwyer '00.

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WORLD & NATION

Zaire's Prime Minister Seen With Large Suitcases of Cash

THE WASHINGTON POST

KINSHASA, ZAIRE

Zaire's prime minister reportedly has converted all of the country's hard currency assets into \$7 million in cash and appears to be preparing "for a speedy departure from Kinshasa with a couple of large suitcases of cash," according to a confidential State Department cable.

The cable sent to Washington by the U.S. Embassy here quotes "a well-informed source" in the Zairian financial community as saying that Gen. Likulia Bolongo, appointed prime minister last month by President Mobutu Sese Seko, drained the government's overseas petroleum accounts and has taken "personal control" of the assets.

The rebel Alliance of Democratic Forces for the Liberation of Congo-Zaire controls about three-fourths of this enormous central African country of 46 million and is now about 125 miles east of the capital.

According to the State Department cable, the source said Likulia asked for the country's hard-currency assets to be converted into cash late last month. After most of the money was shipped in from Europe — Zaire's commercial banks reportedly had only \$700,000 in hard currency — a military armored car delivered the money to the prime minister's compound.

Asian American Leaders Say Clinton Is Snubbing Them

LOS ANGELES TIMES

WASHINGTON

A group of Asian American political leaders, convening here for a major annual meeting, lashed out Thursday at President Clinton, charging they were being slighted by an administration they did so much to support.

Francey Lim Youngberg, executive director of the Congressional Asian Pacific American Caucus Institute, complained that Clinton — the keynote speaker at the group's last two annual meetings — is not attending this year's gathering.

White House officials noted that the president is in the middle of a major diplomatic trip to Mexico and Central America, but to many of the Asian American political leaders, his absence is a further sign that he is attempting to distance himself from them.

"We're being snubbed by the White House this year, and partially people feel it's a result of this political fund-raising controversy," Youngberg said.

The fund-raising scandal has focused largely on whether foreign interests, especially in Asia, sought to illegally funnel money to the Democratic National Committee during the 1996 election campaign.

Greenspan Hints Rates Will Hold

THE WASHINGTON POST

WASHINGTON

Federal Reserve Chairman Alan Greenspan hinted in a speech Thursday night that the Fed won't raise interest rates again in the coming weeks if the very rapid pace of economic growth early this year slows as he expects.

Greenspan and other Fed officials have been predicting such a slowing, and a number of private economists said Thursday it appears to be occurring. After running at a torrid 5.6 percent inflation-adjusted rate in the first quarter, growth may drop to a 2 percent rate or less in the April to June period, they said.

The Fed chairman, in remarks prepared for an awards dinner at New York University's Stern School of Business, strongly defended the decision by central bank policymakers to raise short-term rates by a quarter of a percentage point in March even though there were no signs that inflation was increasing. He called the move "a form of insurance" against the possibility that growth might remain so high that it would cause inflation to accelerate later this year. A copy of the text was made available here.

WEATHER

Moms May Like It

By Marek Zebrowski
STAFF METEOROLOGIST

This week will end on a cool, cloudy, and clammy note, as patches of unsettled weather cross New England during Friday and Saturday. Some additional energy is forecast to dive off shore early on Saturday, igniting a secondary development east of Cape Cod. While most of this system's moisture will be well out to sea by then, a raw and drizzly backlash will, unfortunately, be our lot for the beginning of the weekend. As these storms consolidate into a large cyclonic pool, swirling over the Canadian Maritimes, we shall get under a cool and dry northwesterly flow. Although not an ideal spring weather, this will be an improvement, with sunny intervals on offer for Sunday — just in time for Mother's Day. In the longer range, it looks like the last few days of classes will be a torture, with fairer skies and warmer temperatures.

Today: Cloudy and rainy, with a chance of heavier showers and widely scattered thunderstorms late. Quite cool with southeasterly winds, with highs only near 54°F (12°C).

Tonight: Showers early, followed by mostly cloudy conditions. Winds shifting to north. Low 46°F (8°C).

Saturday: Cloudy with periods of light rain early, tapering off to drizzle. Some breaks in overcast developing towards evening. High 52°F (11°C).

Sunday: Chilly start, with partly cloudy conditions giving way to patchwork of clouds and sun. Morning lows near 43°F (6°C) will rise to nearly seasonal levels of the low 60s (16–18 °C), with the help of strong May sunshine.

RNC Returns Contributions With Hong Kong Connection

By Lena H. Sun
and Dan Morgan

THE WASHINGTON POST

WASHINGTON

The Republican National Committee and two other GOP organizations announced Thursday that they are returning \$122,400 in campaign donations after learning that the source of the funds was a Hong Kong company with little or no assets in the United States.

The action came after months of GOP pounding on Democrats for questionable fund-raising tactics among Asians and Asian Americans. Republican officials strenuously denied any parallels with the tribulations of the Democrats, and one GOP official said accepting the contribution from the Hong Kong company was "the equivalent of inadvertently stepping on the out-of-bounds line in a basketball game."

As Republicans sought to explain the Hong Kong connection, however, it was learned that GOP officials tried to solicit funds from a range of foreign businesses for a defunct nonprofit political organization tied to the RNC and its former chairman, Haley Barbour. Records of the organization, The National Policy Forum, have been subpoenaed by the Senate committee investigating campaign fund-raising abuses.

The solicitation of foreign funds for the NPF was legal. But the effort to raise the money for a group so closely associated with the GOP, at a time when it controlled the legislative and policy agenda in Congress, has led Democrats to call for more intensive investigation of

Republican fund-raising practices.

The NPF was founded by Barbour in 1993 and heavily subsidized with RNC money. Thursday, a source close to Barbour confirmed that "an effort was made to solicit" funds for the NPF from non-U.S. corporations. But the source said "the effort did not succeed." How widespread the approaches were is unclear, but Barbour reportedly has named Toyota and "Taiwan money" as examples of possible sources of contributions to the NPF.

In 1994, with the NPF strapped for cash and deeply in debt to the RNC, GOP officials turned to Young Brothers Development-USA, a Florida-based affiliate of Young's Hong Kong company, to guarantee a private bank loan to the NPF.

Young, who advises American multinationals doing business in Asia, was raised in Taiwan and later moved to the United States, where he became a U.S. citizen and donated heavily to the GOP, becoming a member of "Team 100," the elite group of contributors of \$100,000 or more. One of Young's sons is also a Team 100 member, GOP officials said. Several years ago, Young gave up his U.S. citizenship and moved to Hong Kong.

The 1994 loan guarantee from Young's company enabled the NPF to repay \$1.6 million to the RNC in October, 1994, when the RNC needed funds to finance tight congressional races vital to the GOP's November takeover of Congress.

Over the next several months, the NPF journal Common Sense published two lengthy articles by Young on the importance of U.S. policy toward China, Hong Kong,

and Taiwan.

Young then accompanied Barbour on an official RNC trip to Beijing in January 1996, and met with Chinese Foreign Minister Qian Qichen. Chinese officials also hosted a dinner in the Great Hall of the People, Barbour said.

Shortly after the Barbour visit to China, the private bank called in the loan to the National Policy Forum, and Young Brothers Development-USA, as the guarantor, was forced to pay \$500,000.

Federal election law allows foreign subsidiaries to contribute to U.S. elections only if the money is generated in this country.

In addition to \$102,400 that the RNC said it was returning, the National Republican Congressional Committee and the National Republican Senatorial Committee, political arms of House and Senate Republicans, said they would each return \$10,000.

Democrats, battered by months of embarrassing disclosures about their own fund-raising practices, zeroed in on Republicans.

Rep. Henry A. Waxman of California, the House Government Reform and Oversight Committee's top Democrat, blasted panel chairman Dan Burton, R-Ind., Thursday for not seeking subpoenas to investigate the Young Brothers contributions.

In the Senate, Chairman Fred Thompson, R-Tenn., of the Governmental Affairs Committee, Thursday approved the issuance of six new subpoenas, including ones for Young and his U.S. and Hong Kong companies. Thompson rejected a Democratic request to issue a subpoena to Barbour.

Britain's Labor Party Unveils Sweeping Legislative Proposals

By Fred Barbash

THE WASHINGTON POST

LONDON

Britain's new Labor government signaled Thursday that it would move swiftly to carry out its campaign pledges, including consideration of the country's first freedom of information act and its first laws regulating campaign fund raising by political parties.

The legislative program of Prime Minister Tony Blair, scheduled for formal presentation Wednesday by Queen Elizabeth II, will include 17 to 20 proposals, officials said following Thursday's inaugural meeting of the new cabinet. The agenda is unusually ambitious for a fledgling government, or for any government here in recent years.

The program, to be carried out over the next 17 months, likely will include a reordering of education spending to reduce class sizes for preschool and primary education, a new "welfare to work" regime for recipients of state benefits, a management reorganization of the National Health Service, imposition of a system for setting a national minimum wage, and machinery for referendums on decentralizing some legislative authority from the capital to Scotland and Wales.

All were promised in the campaign platform, which helped Blair and the Labor Party win a landslide victory in the May 1 general election that ended 18 years of Conservative Party rule. The surprise, from a leadership that spoke during the campaign of moving slowly, would be the speed of implementation, a bonus made possible by the huge 179-seat House of Commons majority won by Labor. The party secured a legislative free-

dom greater than Blair has said he imagined in his most optimistic pre-election dreams.

There are now so many Labor members of parliament — 419 — that the prime minister had to rent a private hall Wednesday to greet them because no public room other than the Commons chamber itself would hold them all.

Among the greatest changes to government would be enactment of a freedom of information act, creating a right of access to official documents comparable to the U.S. Freedom of Information Act and various "sunshine" laws in the states.

While no information legislation will be proposed Wednesday, according to a Downing Street spokesman, Blair will outline his ideas and order a study of the scope of such an act. However wide or narrow the access granted, it will be broader than anything that exists now. Britain is among the most secretive of Western democracies, with little legal obligation to provide information to anyone on any subject and a traditional inclination not to.

Similarly, any campaign-finance proposals applied to Britain's political parties will go beyond current law, which restricts spending for individual House of Commons candidates but leaves the serious campaign spenders, the parties, free to accept any amount of money from any source without disclosure.

The new administration has said it favors a ban on contributions from foreign sources, who have tended to make large gifts to the Conservative Party, and a disclosure requirement for contributions more than about \$8,000.

The plans for the overburdened, increasingly expensive National

Health Service — the government-run health-care system — are unclear. Before the Conservatives took power, it was operated essentially as a vast single agency.

The Tories — first under Prime Minister Margaret Thatcher and then under the just-departed John Major — decentralized the National Health Service, creating a system of internal markets and trusts to run the system in individual jurisdictions as if they were independent businesses, purchasing supplies and services on a competitive basis to bring down costs.

Labor argued that the reforms resulted in a mass layoff of medical staff and a mass hiring of managers, swallowing more than \$2.5 billion annually. Blair promised to eliminate the internal markets, using the savings to provide medical care and reduce what are now long waiting lists for many types of treatment.

The new government demonstrated its determination to move rapidly on its economic proposals earlier this week when it surprised the financial community here by transferring the power to set base interest rates from the chancellor of the exchequer, who is the equivalent of the secretary of the treasury, to a new panel of the nation's central bank, the Bank of England.

Foreign Secretary Robin Cook, meanwhile, has been touring Europe, attempting to mend fences broken by the Major administration in its combative approach to the European Union.

Also Thursday, the new government team responsible for Northern Ireland met with Irish Prime Minister John Bruton to consider ways of reviving the moribund peace process there.

Witness in Bombing Trial Says McVeigh Drove Rental Truck

By Lois Romano
THE WASHINGTON POST

DENVER

Two months before the April 19, 1995, Oklahoma City bombing, Timothy J. McVeigh wrote a rambling letter in which he stated that he had shifted his mind-set "from intellectual to animal," a friend who saw the letter testified Thursday in federal court.

Another witness Thursday for the first time placed McVeigh behind the wheel of the same kind of Ryder rental truck that prosecutors say was packed with explosives and used to blow up the Alfred P. Murrah Federal Building.

Eric McGown, son of the owner of the Dreamland Motel in Junction City, Kan., testified that several days before the explosion he saw McVeigh with the truck at the motel, where McVeigh was staying. But under a contentious cross-examination by McVeigh's attorney, Stephen Jones, McGown said he could not be sure whether he saw the truck Sunday or Monday — the

day the government maintains McVeigh rented it.

In the lengthy, handwritten letter, McVeigh also expressed anger at the FBI's handling of a standoff with a white separatist family at Ruby Ridge, Idaho, in which Randy Weaver's wife and son and a deputy U.S. marshal were killed, saying he had written the FBI sniper "who blew Vicki Weaver's head off ... (telling him) what goes around comes around."

Prosecutors maintain that McVeigh blew up the Murrah building in Oklahoma City, killing 168 people, to avenge the government's action at Ruby Ridge and its assault on the Branch Davidian compound near Waco, Texas.

This was the second letter introduced into evidence by prosecutors in an effort to show McVeigh was moving beyond talk in his hatred for the government. Earlier this week, McVeigh's younger sister Jennifer testified that her brother had written to her that he was moving into the "action stage" in his animosity

toward the government.

Kevin Nicholas, 33, a friend of McVeigh's from Vassar, Mich., said his wife's aunt received the letter from McVeigh in February 1995. He did not explain why McVeigh would be writing to the aunt.

Nicholas, who appeared nervous and at times had trouble understanding lawyers' questions, testified that McVeigh had lived with him in late 1994 and 1995 and that the two men had traveled to three gun shows during that period.

Nicholas' testimony also seemed designed to drive home the point that in the months leading up to the blast, McVeigh essentially lived the life of a homeless drifter, staying with friends and traveling to gun shows. The factory worker also described how he had picked up McVeigh at a Michigan truck stop after McVeigh had wrecked his car. There were packages wrapped like Christmas presents in the car, Nicholas said, which McVeigh later told him contained blasting caps.

House Crime Bill Permits Teens To Be Treated as Adults in Court

By Edwin Chen
LOS ANGELES TIMES

WASHINGTON

The House easily approved a tough and potentially far-reaching juvenile crime bill Thursday that would allow offenders as young as 13 to be tried as adults in federal courts.

The GOP-sponsored measure also would disburse \$1.5 billion in crime-fighting funds to states that bring their laws into compliance with the federal standards, which would all but abolish the special treatment traditionally accorded young people accused of serious crimes.

The legislation, characterized as counterproductive and excessively harsh by many House Democrats, would give federal prosecutors broad authority to charge juveniles as adults, increase the types of offenses that make juveniles eligible for such treatment, open to public scrutiny juvenile records and court proceedings, and allow juveniles to be incarcerated alongside adults.

"In America today, no population poses a greater threat to public safety than juvenile criminals," said Rep. Bill McCollum, R-Fla., the bill's author.

The measure's immediate effect

would be limited — because only about 200 juveniles each year are prosecuted as adults in the federal system. But its impact would be broadly felt if states, as a result, toughen their laws and bring them into harmony with the standards in the House-passed bill.

About 12,300 youths are prosecuted as adults each year in state courts, but that number could skyrocket if the bill became law and states followed suit. And if that were to happen, said one children's advocate, "it's not clear what's left (of the juvenile justice system)."

But McCollum said his bill addresses "one of the most important issues we will tackle in this Congress," especially with a projected increase in the number of teen-agers as the children of today's baby boomers come of age in the decades ahead.

Led by Rep. Zoe Lofgren, D-Calif., Democrats derided the bill as a cynical effort to present a tough crime-fighting image that in fact does nothing to attempt to prevent violent juvenile crime in the first place.

"(Republicans) want to lock them up and ignore the problem," said Rep. Bart Stupak, D-Mich., who was a Michigan state trooper

for 12 years before coming to Congress.

Final passage of the bill came on a 286-132 vote after the House, largely along partisan lines, defeated a Democratic alternative that would have allocated 60 percent of the \$1.5 billion bill to crime-prevention efforts.

The states may use the funds, which would be dispensed over a three-year period, to hire more prosecutors, build more jails and prisons, and create drug courts, among other uses.

About two-thirds of the states would have to toughen their juvenile justice laws to become eligible for the block grants. One qualifying step would be to take away from judges any role in the decision to "waive" youthful offenders into the adult system, thus leaving the discretion entirely in the hands of prosecutors. Another step would be to make juvenile records and proceedings as open as those in adult criminal cases.

Although in recent years more than 40 states have stampeded to enact measures aimed at curbing violent juvenile crimes, McCollum's bill "goes way beyond what states are doing," said Rep. Melvin Watt, D-N.C.

Hong Kong Leaders Urge Congress Not to Tie Human Rights and Trade

By Paul Blustein and John E. Yang
THE WASHINGTON POST

WASHINGTON

Hong Kong's leaders have warned congressional Republicans that GOP proposals to use trade privileges as leverage to protect human rights in the colony would threaten its economic livelihood.

GOP lawmakers said the objections have helped cause House leaders to re-evaluate their plans.

In letters sent this week to House Speaker Newt Gingrich, R-Ga., and other GOP lawmakers, Hong Kong Gov. Chris Patten hailed as "extremely welcome" congressional support for the preservation of civil liberties in Hong Kong after its July 1 reversion from Britain to China. But Patten strenuously objected to the proposals, backed by Gingrich, to renew China's trading privileges for less than a full year to maintain pressure on Beijing over the issue.

Such proposals "would jeopardize rather than reinforce (Hong Kong's) way of life," Patten said,

because uncertainty over U.S.-China trade would inflict a serious blow on the economy of Hong Kong, a major gateway for China's global commerce.

Patten, a British politician, has frequently infuriated Beijing with his outspoken demands for democracy in Hong Kong.

"For the people of Hong Kong there is no comfort in the proposition that if China reduces their freedoms, the United States will take away their jobs," Patten wrote in a letter to Rep. David Dreier, R-Calif. A nearly identical letter was sent to Gingrich, according to sources familiar with the letters.

Gingrich has said that a six-month extension of China's most-favored-nation (MFN) trading status — instead of the one-year extensions that have been approved in the past — would be an "appropriate ... signal" to underscore U.S. concern over whether China will permit Hong Kong to maintain its free-wheeling way of life.

The statement was part of an

effort by Gingrich to show that he is willing to be tougher than the Clinton administration on the broad issue of human rights in China.

Sen. Connie Mack, R-Fla., has called for extending China's MFN status for just three months, and House Republican Conference Chairman John A. Boehner, R-Ohio, has been developing a proposal for a six-month renewal. Any further extension would be contingent on President Clinton's determination that China has kept its commitments to preserve rights in Hong Kong.

But GOP leaders are reassessing their stance, because of the complaints from Hong Kong and from U.S. executives.

The proposals for shorter-than-normal MFN extensions "are history," predicted Dreier, an MFN proponent. "This letter (from Patten) pretty well takes the wind out of the sails of those who believe that a shortened time frame for MFN would be beneficial to Hong Kong."

Senate Approves Spending Bill Despite Veto Threat

LOS ANGELES TIMES

WASHINGTON

Defying a presidential veto threat, the Senate approved a spending bill Thursday that contains \$8.5 billion in emergency funds for disaster-ravaged states, foreign peacekeeping operations and other projects, but also includes a provision aimed at weakening the administration's bargaining position in future budget negotiations.

By a 78-22 vote, senators agreed to spend \$5.5 billion to help more than two dozen states recover from recent record floods and other natural disasters and \$1.8 billion for military activity aimed at keeping the peace in Bosnia and the Middle East.

The legislation is expected to be considered in the House next week.

The controversial part of the bill, sponsored by Sen. John McCain, R-Ariz., seeks to avoid the type of federal government shutdowns that occurred in 1995 and '96 by providing automatic funding for government services and operations even if there is no budget on Oct. 1, the start of the government's fiscal year.

Still stinging from their embarrassing role in a budget impasse that led to the previous government shutdowns, Republicans pressed for an automatic funding provision that would retain government operations at 100 percent of the existing level.

Reno Expands Size of Justice Dept. Group Probing Fund-Raising

THE WASHINGTON POST

WASHINGTON

Attorney General Janet Reno said Thursday she is expanding the size of a Justice Department task force investigating campaign fund-raising abuses during last year's presidential campaign because of the complexity of the wide-ranging probe.

Reno, in a session with reporters, played down her disagreement with FBI Director Louis J. Freeh over whether to seek appointment of an independent counsel to take over the investigation, which is focused in part on actions by White House and Democratic Party officials.

Freeh has said he believes the Justice Department has a conflict of interest in conducting the inquiry and has recommended that an independent counsel be named, a move Reno so far has refused to make.

Reno's decision to add more lawyers to the Justice Department task force parallels Freeh's recent announcement that he has nearly doubled the number of FBI agents assigned to the probe.

Justice Department officials declined to specify Thursday how many new lawyers would be joining the task force, but said they would be providing "substantial" new resources to the team.

Freeh recommended appointment of an independent counsel, according to one person with knowledge of an analysis prepared for the FBI director, because of "the totality of the allegations" against senior officials at the White House and the Democratic National Committee.

Mexican Police Forces Clash In Mexico City Melee

By Mark Fineman
LOS ANGELES TIMES

MEXICO CITY

The Mexican government's struggle to retrain and reform the capital's notoriously corrupt police force suffered a major setback Thursday when hundreds of the first graduates of an ambitious police re-education program battled riot squads in a melee that left dozens injured and at least 17 under arrest.

More than 200 rioting police officers, who had just completed a two-month military training course to instill discipline, honesty and professionalism in their ranks, were protesting transfers from their home district — another measure aimed at reducing corruption.

The "dissident" police, as they were dubbed in news reports that called the confrontation "a police war," showered rocks and bottles on about 1,000 riot troops who opened fire with tear gas after the protesters tried to seize a police station. There were unconfirmed reports of shots fired by both sides.

The protesting police were among the first officers to graduate from the military course. They were part of a vanguard of 1,600 officers from the city's crime-infested district of Ixtapalapa, where they were replaced temporarily by soldiers in police uniforms until graduation nine days ago.

The group launched its protest Wednesday after learning of the reassignment, but Wednesday's protest was largely peaceful.

Speaker Gingrich Targets Anti-Drug Efforts, Education

THE WASHINGTON POST

WASHINGTON

Now that Republican leaders have secured an agreement to balance the budget, House Speaker Newt Gingrich, R-Ga., pledged Thursday to work toward curbing illicit drug use and teenage pregnancies and improving education by 2001.

The speaker called for a "national crusade fully as intensive as the effort to balance the budget" to combat illegal drug use and said it was "vital that we reassert the centrality of faith in the definition of America." He endorsed a proposed constitutional amendment on school prayer, saying a society divorced from religion is a "hopeless, empty desert of despair."

Gingrich also proposed:

— Mandatory life prison terms for first offenders who cross borders with or produce commercial quantities of illegal drugs and the death sentence for repeat offenders. "If you sell it, we're going to kill you," he said.

— Using Air Force reconnaissance planes to monitor drug trafficking.

— Support for faith-based rehabilitation programs.

— Vouchers that parents may use to send their children to private schools.

OPINION



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Letters To The Editor

First the Dripping Arch, Then the Green Building

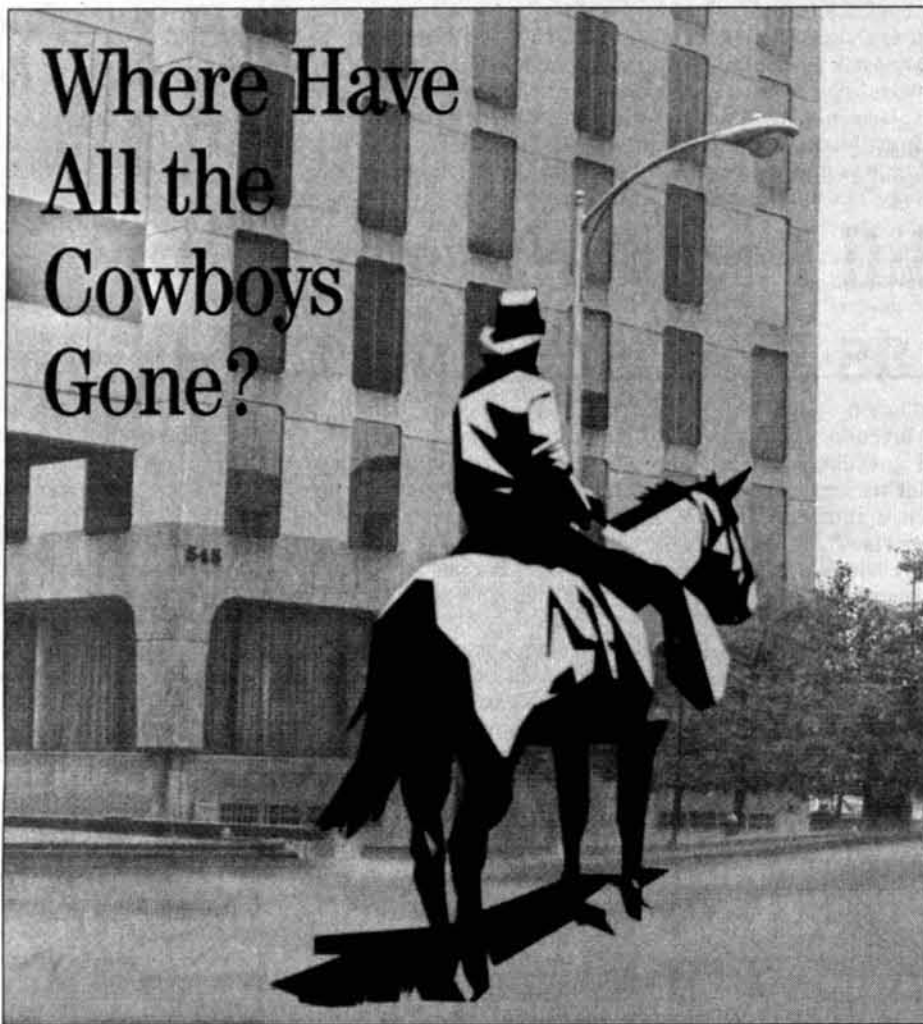
As a freshman at MIT, I noticed the problem of the dripping arch — MIT's Old Faithful, if you will. While I find it strange that the arch seems to drip almost constantly, I thought for a moment and realized that it's the only fountain we have here at MIT.

My proposal: Turn the dripping to good use. Make the arch into a real fountain. It will show that MIT ingenuity we take pride in (and be a bit more scenic than, say, the sculptures we have here). Now if we can get a wind sock installed underneath the Green Building...

C. Chay Casso '00



Where Have All the Cowboys Gone?



GRAPHIC BY SAUL BLUMENTHAL—THE TECH

Column by Stacey E. Blau

OPINION EDITOR

Where? There's a whole posse of them here at MIT, and it's a wonder it took me so long to notice. Just a few weeks ago, it occurred to me that a couple of computer science professors look like cowboys. OK, maybe they don't look exactly like cowboys holed up at the Laboratory for Computer Science. But they sure look like they could have made it as cowboys instead of computer scientists if they had really wanted to.

Then I went walked into my Computer System Engineering (6.033) lecture on Monday, and I saw Professor Gerald J. Sussman '68 wearing a 10-gallon hat and faded jeans — as close as a Course VI professor gets to John Wayne. I thought he was going to put a piece of straw in his mouth and do a dance at the end of class when Professor Jerome H. Saltzer '61 played the 6.033 theme — a Shaker hymn exalting the virtues of simplicity.

And then as I glanced over at the rest of the 6.033 teaching staff in 34-101, it really struck me in a powerful way that it wasn't just a couple of professors who looked like cowboys. All of them did. The cowboy mystique cut across age, gender, and field of research.

I wasn't quite sure if the cowboy thing was something they all were actively cultivating or just pure coincidence. Indeed, that matter still seems kind of elusive. There is little evidence of twangy voices, western fashion (aside from Sussman), or other overt Wild West tendencies among Course VI professors.

But if there's no there there, as Gertrude Stein might have pointed out, wherefore do I have my notions? The answer seems to lie in a quite adaptable cliché: Cowboy life, like punk, is about attitude. And that cowboy attitude — that daringness and independence, that frightening competence, that sense of adventurousness, that native sense of right and wrong — is exactly what Course VI profes-

sors are all about. The ride off into the sunset follows — down Main Street, natch.

Personally, I don't see the point in eschewing the trappings of your true nature. There's nothing wrong with telling the world what you're really about — especially if what you're all about is being cowboys. To that end, I think Technology Square could probably do with a redesign.

Imagine the possibilities. A Laboratory for Computer Science with a decidedly Old West flair. The building could be redone with a new western town front and buck board wagons parked in front. There could be daily quickdraw competitions and calf ropings in the Tech Square courtyard. LCS could maybe sponsor morale-boosting cattle drives across campus. The building's interior could be redecorated with wanted posters and longhorn steer pictures. The ground floor might be replaced with a Texas-sized saloon complete with bar stations and pool tables.

The entrance to the building could feature a huge sign proclaiming, "Kick Up Your Heels at LCS — Where the West Begins and the Cowboys Are Alive and Well!" Maybe Clint Eastwood could cut the tape at the celebration heralding the independence of the Republic of LCS. A real cowboy campfire cook out — complete with glowing mesquite coals and a real cowboy singer — could cap off the festivities.

What is it that Course VI professors are doing all the time anyway that would prevent them from living this kind of life? Is it research and teaching? It doesn't seem like there's really any conflict. I say if cowboy attitude can go with everything from VLSI to complexity theory, then armadillo racing can't be very far behind.

As it is, it's not too hard to guess where else that cowboy attitude might be manifesting itself right now. A friend of mine and I are convinced that each research group at LCS is assigned times when they are responsible for taking down the flag in the courtyard of Tech Square if it starts raining after hours or on weekends. Can you imagine professors journeying out in awful weather from their homes all over the Boston metropolitan area just to make sure that the American flag is protected? I sure can. They're cowboys, damn it.

The men and women of LCS should take the plunge into the full life that they have essentially been living for years, if not decades. It's not too late to follow the path not taken — the one on horseback.

After declining a bid from Alpha Phi, Stacey E. Blau decided to hit the road with her one-woman performance in the tradition of Karen Finley and her yams. She's back at MIT now. Like cowboys, Course VI classes are her weakness. She is a junior majoring in mathematics with computer science.

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Broader MIT Mission Demands Recruitment Changes

Column by Anders Hove
COLUMNIST

What makes MIT what it is? Most people would answer that our commitment to science and engineering, our emphasis on hard work and academic excellence, and the value we place on learning-by-doing determine what we are. These answers may suffice to describe the product we receive at MIT, but they do not explain much of the actual character of the Institute.

MIT's character is determined in a large part by the recruitment and promotion processes that bring and keep people here in the first place. Three such recruitment/promotion processes of concern to me are the admissions process, the orientation process, and the tenure process. The first two of these affect the character of the undergraduate and graduate student bodies, while tenure affects the character of the faculty.

In my previous column ["MIT Should Overhaul Its Badly Broken Tenure Process," May 6], I discussed how tenure helps shape and define what role faculty play on campus. By placing a high value on research and de-emphasizing teaching and community involvement, the tenure system establishes the relative worth of these activities.

To those outside the system, recruitment and promotion activities often seem relatively unimportant. Students, for example, spend less than a week doing residence selection.

Academic orientation — which really lasts throughout the freshman year — seems much longer and more visible than residence selection. Yet it is the intense, sometimes grueling experience of residence selection (and fraternity rush) that is often the most contentious issue among undergraduates, and between undergraduates and the administration.

True, the residence selection side of Residence and Orientation Week has a specific constituency associated with it. R/O is of primary importance because it is the period when students put their values on the line — namely the value they place in the living group experience, the value of living-group-based social groups, and the value of participation in a living-group-based community.

The exercise of recruitment into the living group, short though it may seem, plays an intense role in shaping the character of the undergraduate student body. The strength of our living group communities, and the concomitant weakness of the undergraduate community as a whole, is directly related to the intense, value-laden R/O experience.

A second recruitment process applicable to the student body is the admissions process. Unlike R/O, admissions is not associated with any particular constituency. Indeed, much of the admissions process is beyond MIT's influence; we cannot control who applies here, for example. Much of the recruitment process in terms of admission relates to MIT's reputation among high school students and their guidance counselors. We can't completely control the information that's out there and, in a sense, that is a real problem for MIT.

It might seem strange to suggest that MIT has a reputation problem, since we consistently rank high in various formal studies of college programs. But I mean reputation in a larger sense: People who apply to MIT and choose it over other colleges have a conception of

Humanities, Arts, and Social Sciences requirement and the relabeling of community and athletic activities as "co-curricular." Nevertheless, MIT cannot eradicate the perception that its students "are only here to do science and engineering" without changing its reputation among the applicant pool.

At first glance, the tenure process may seem far removed from the recruitment and promotion processes of admission and orientation. After all, only 20 percent of all faculty don't have tenure, and they make up a small portion of MIT's total population. Like orientation, however, the effect of a recruitment process extends much beyond the duration of the experience itself. The effect of tenure reaches way back to the decision to attend graduate school, and it shapes the way faculty order their lives all the way through retirement. If the tenure system places value on research interests alone, those are the values that will dominate the faculty, the graduate school, and, to some extent, the whole working of the department.

MIT's recruitment and promotion processes play a disproportionate role in determining the character of the place and the nature of the educational product delivered. If we are to succeed at our broad educational mission, these important processes have to be designed to meet the overall mission of the Institute. (The Dean's Office calls this "intentionality.") Right now they are geared toward meeting the goals of certain constituencies, and changing them will mean confronting those constituencies. If MIT is a rational, "intentional" institution, we will not shrink from that confrontation.

MIT cannot eradicate the perception that its students "are only here to do science and engineering" without changing its reputation among the applicant pool.

what MIT is and what will be expected of them when they get here. I will not be the first to point out that that conception — even on some of the most basic points — is badly out of line with reality.

Take MIT's educational mission. Since the Institute's founding, there has been an acknowledged consensus that the purpose of education here is to prepare the student for life. While this same philosophy has ostensibly guided MIT's institutional and educational forms, many (if not most) students come to MIT with the belief that they are here to learn about science and engineering exclusively, and that anything else is a cultural side dish.

There has been some effort to counter this notion through the introduction of the

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MIT Needs a More Serious Attitude on the Humanities

Column by Erik S. Balsley
SPORTS EDITOR

As the annual Institute Committee dinner concluded on Tuesday night, I found myself slightly taken aback by a comment made regarding the department of outgoing Chair of the Faculty Lawrence S. Bacow '72. The speaker made note of how Bacow was from one of the "lesser" schools of the Institute since he is a member of the Department of Urban Studies and Planning in the School of Architecture and Planning.

I do realize that the comment was made during a point in the evening when other faculty members roasted Bacow and was probably just meant as a joke. However, the fact that the line even came from a faculty member's lips is pretty disturbing considering that the faculty is in the midst of a discussion about improving the writing requirement at MIT and determining the future role of the humanities at the Institute. In my opinion, the line just reflects a larger view held on this campus that science and engineering majors are superior to majors not in these disciplines, particularly the humanities and social sciences.

For most students on this campus, humanities are seen as the easy way to an MIT degree — fun or unnecessary classes. In their minds, writing is just not as much work as a problem set. Well, I think it's time we all face it. This is MIT. Anything you study here is going to be work.

Solving a biology problem set, putting the finishing touches on your Computation Structures (6.004) lab kit, or writing a paper on post-World War II U.S. policy in Japan — all three tasks relate to direct real world problems. All deal with complex ideas and situations.

Many engineers and scientists who remain focused on their research forget that there is a larger world out there. Humanities often look at this larger world. With this picture in mind, if what you are researching is really going to make a difference to the world, how do you present your findings to enrich the community's larger body of knowledge?

People are recognizing more and more that writing skills are just as important to engineers and scientists as they are to humanists.

To gain prestige and standing in a scientific community, a researcher's findings must be presented in a journal appropriate for his or her respective field. In an age where research can be quickly disseminated, it is also important that these ideas be presented as clearly as possible.

However, it is pretty obvious that the writing skills of MIT students are far below that of students at comparable institutions. To the students who gripe about how they have to take a writing class, I pose the following question: When you have completed the research that will win you the Nobel Prize, how will you write it up to let others know about it?

I have seen many students complain about how they have to take humanities classes in order to graduate in a variety of contexts, most recently as a member of the student

advisory committee to the Presidential Task Force on Student Life and Learning. "Why should we study writing if we're engineers? Just get me a job," the argument goes. Well, judging by how poorly thought out and argued these arguments have been, I would say it was pretty apparent why we should be studying humanities.

The current writing requirement and the humanities requirement in general are too poorly thought out and implemented. MIT's current undergraduate curriculum helps students generate ideas, but it doesn't enable students to sell them to the larger community.

By only setting two checkpoints in the requirement — Phase I and Phase II — the system allows undergraduates to just squeak by. If you can take a six-unit workshop to pass each of the two phases, then is the writing

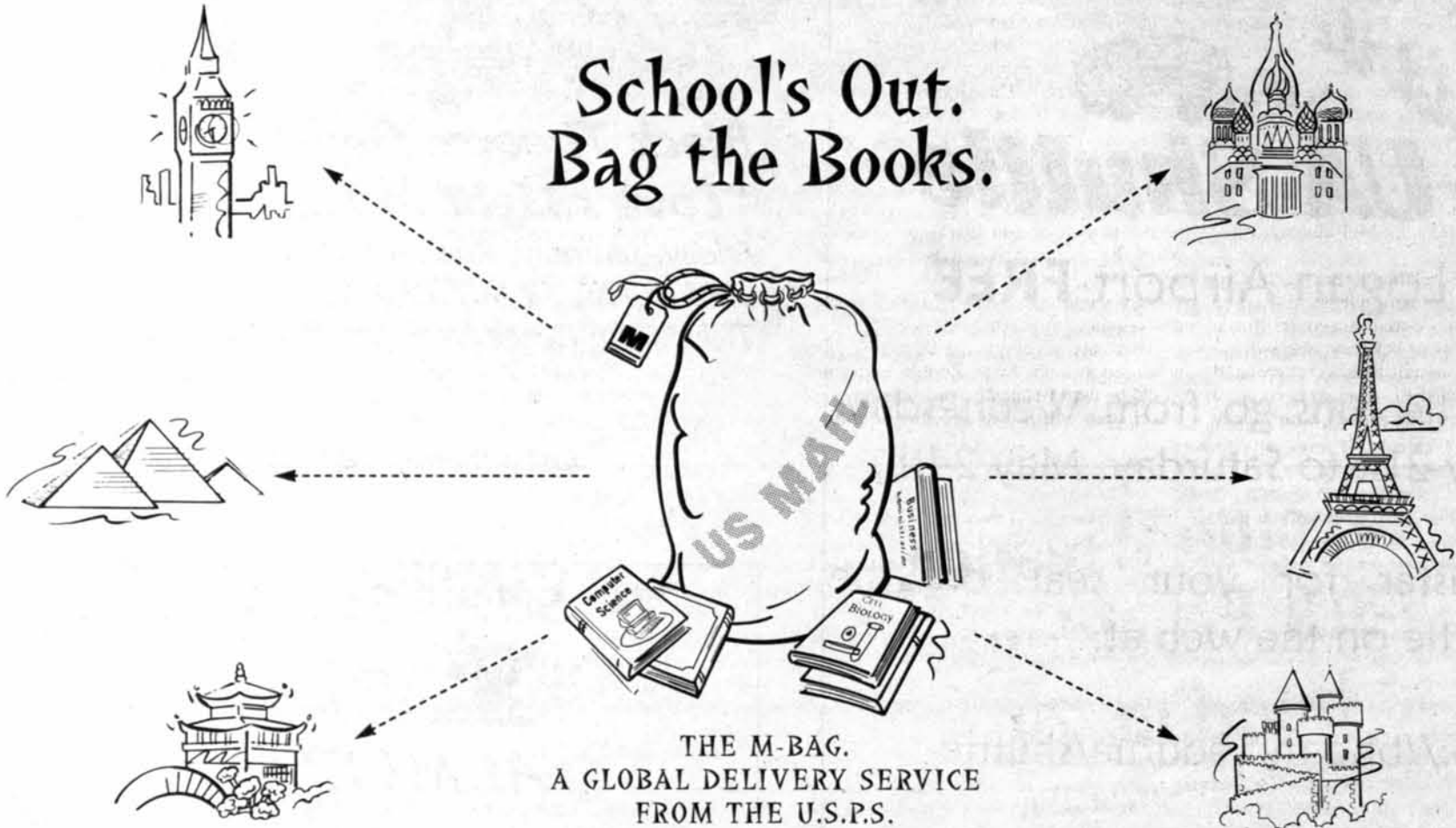
requirement actually a requirement or just a formality? Does the system actually improve anyone's writing?

MIT should make the effort to tie writing more directly into the general curriculum. Several departments now have classes with attached writing seminars. These practica are one good way to make writing more relevant to MIT students. By making students think about what they are presenting, the classes force students to make their arguments more concise and clear. These writing skills will benefit them later in their research.

If the comment I have taken issue with is from — as a dean sitting next to me put it — "a self-selecting group of people," then I wonder what the general faculty thinks of writing. Then again, they are probably too absorbed in their research to worry about it.



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Protesters' Claims About Racism at MIT Are on Target

Column by Teresa Huang
STAFF REPORTER

I write for *The Tech*, and even though I am not a member of any of the groups who protested *The Tech* two weeks ago, I have to say I stand behind many of their claims. The MIT community's response to the protest has been as I expected — people don't get it. Many people think that the students who were involved in or support the protest are just a bunch of overzealous activists who try to make everything out to be something racist when really they're just seeing things. Well, we're not seeing things or making anything up. I have felt plenty of anti-Asian sentiment on this campus, and I'm tired of it.

Stereotypes abound on this campus. I'm an Asian feminist who's not afraid to point out and protest the racism around her. The stereotype I suffer from most is that of the model minority. There is an existing myth of Asian Americans as the model minority. We immigrated to this country with nothing years ago and look what we've done for ourselves. We're doctors, engineers, and successful business people. We're not ignored — look at Connie Chung, Jackie Chan, and Kristi Yamaguchi. They're Asian, and they're famous! What cause do we have to complain when there are other ethnicities out there that face real racism and oppression?

Well let me tell you, the "model minority" myth is just that — a myth. Sure, many Asians have done well for themselves, just like many blacks have, but why is the racism against blacks seen as out there and happening even today while racism against Asian Americans is just something we're making up in our heads?

People don't realize that racism against Asians and Asian Americans is out there and happening even today as well, manifesting itself most strongly in marginalization. Our needs, successes, and opinions are largely ignored or misread. There are a lot of Asian doctors and engineers, but what about all those Asians who can't get jobs because employers tell them they don't speak English well enough when really they speak just fine? What about all those Asians struggling to gain recognition in fields like journalism or entertainment?

Connie Chung is a household name, but no one stops to think why next to Caucasian news anchorwomen, Asian news anchorwomen are greatest in number. There are hardly any Asian news anchorwomen. People think it's just because these women have worked hard and achieved, but any Asian feminist will tell you that it's also because Asian women are seen as exotic and sensual beings who are pretty to look at, so they're well suited to the position.

Kristi Yamaguchi won the Olympic gold medal for the United States in women's figure skating in 1992, yet who got more interviews, endorsements, magazine covers, and adoration after those Olympics? Bronze medalist and more all-American-looking skater Nancy Kerrigan. Jackie Chan's movies are box office hits, yet how many other Asian actors who don't play martial arts experts or gang members would you call successful?

How many successful Asian actresses can you name who aren't seen in movies about their relationships with their Asian parents or surrounded by Chinese food? Granted, there have been legitimate successes, one of which is Ming-Na Wen's role in *The Single Guy*, a

show in which story lines don't revolve around her ethnicity. But how many more roles like that can you name?

Marginalization and stereotyping exist on this campus as well, but people just don't get it. How many people understand why we're upset about "Rhino Man"? I've heard over and over again, "What's the big deal?" It's not just that there's an Asian villain. How many old Asian men have you seen that look like Professor Atama with a Fu Manchu mustache? Why did the cartoonist choose to portray an old Asian man in this way? Clearly because this is an image that he recognizes and he feels his readers will recognize, which shows assumptions on his part about what the distinguishing features of all Asians are.

If you were told to draw a cartoon of a typical Asian man, what would you draw? Slanted eyes, buck teeth, and a karate robe, right? It's just like when movie makers choose to portray a dangerous urban area, they put graffiti, litter, and black people in the background. They use carefully placed suspicious looking black people standing on street corners and sitting on the front steps to convey an air of danger. We recognize what they're trying to do and think "dangerous neighborhood." It's all based on assumptions and stereotypes, and it's all offensive.

However, "Rhino Man" is not the most racist of things in the MIT community. The dismissal of our concerns as oversensitive and unworthy of their attention is the biggest offense. Many people also assume that we're pointing the finger at the Caucasians on campus when talking about discrimination, which is not true. We experience intolerance from people of every ethnicity, sometimes even

from our fellow Asians. Goodness knows I've had plenty of Asians make snide comments to me because I'm in an interracial relationship.

Because I believe there are real problems with racism toward Asians and Asian Americans on this campus, I stand behind many of the things the protesters call for, like an Asian American administrator. What we need is someone to fill the void left behind when Mary Ni — assistant dean for Residence and Campus Activities and the only Asian American administrator at MIT — left the Institute last year.

She was a valuable resource to Asian and Asian American students, serving as a place to voice our concerns and needs. It was important for me to know that there was someone on this campus who was sensitive to me as an Asian woman in this stressful environment. MIT has surely missed her since she's been gone, and it's important that someone else take the role that she did in legitimizing our needs.

So the next time you don't understand what we're upset about, try asking us. I'm not just writing this because I have time to spare. I've been very hurt by people on this campus because of my ethnicity. I know other people have felt hurt as well and it needs to stop. If you don't agree with the protest, at least don't claim you're in the more sensible position simply because no one involved is openly arguing with you. If you do that, you're admitting to me that you haven't the slightest idea what we're upset about and that you need someone to explain it to you — so who are you to criticize us and our position? We know who we are. I'm Asian, I'm a woman, I'm a feminist, and I'm angry. Do I amuse anyone else?

Athena Access for Alumni Would Promote Interaction

Guest column by Albert L. Hsu

On one of my recent visits to MIT, two students bumped into me and took the chance to ask me for recommendations, since I had been their recitation instructor for Organic Chemistry I (5.12). If we had not crossed paths at MIT, I doubt that they could have located me at school in the Bronx. MIT needs to provide better ways to keep in touch with alumni.

The Alumni/Alumnae Association recently initiated a service for MIT graduates called E-mail Forwarding for Life. Many seniors believe that this means they will have permanent e-mail accounts after graduation — perhaps even Athena accounts. Many think that EFL stands for "E-mail for Life."

In reality, EFL merely provides a permanent MIT e-mail address — not an actual e-mail account. This means that e-mail sent to the address is bounced to a new e-mail address — if you have one. While EFL is a decent first step toward keeping alumni connected, it is inadequate for MIT alumni to stay in touch.

First, while EFL claims to be "for life," it does not address transitional periods when alumni are between e-mail accounts. If you are between schools or between jobs and you don't have a new e-mail address, any e-mail sent to your alumni EFL address is bounced back to the senders. The senders won't know

whether you are off-line, out of country, or dead — or if they were merely using the wrong address.

EFL is also clumsy. EFL usernames are almost always different from the Athena usernames that we are used to. We don't use, or even often remember, our own EFL addresses — or the passwords needed to update our directory information. It is not possible to finger alumni on Athena for their EFL addresses, and the directory of alumni EFL addresses is still only experimental. To be worthwhile, a directory has to be kept current, but it is inconvenient for alumni to constantly update their information indirectly through the Alumni/Alumnae Association.

I propose establishing an alumni Athena subdomain with Zephyr, e-mail, and World Wide Web access. This simple proposal only requires a few pieces of software, including Kerberos, finger, Zephyr, a talk program, a word processing program for writing e-mail, and a basic operating system. Some disk storage space (perhaps 5 MB per user) would be needed to store an e-mail and some basic files when the user is between e-mail accounts. Alumni would log in to a server by modem or telnet via Internet service providers, much as they would through Athena dialup.

There are several major strengths of the proposed system. First, Zephyr and e-mail would be used frequently, encouraging graduates to update their own directory information

as soon as it changes. These updates would provide a current directory of alumni with minimal effort.

Second, MIT would be providing a valued service to alumni for little cost. The Office of Resource Development and Alumni/Alumnae Association have long recognized that alumni community building is important for fund raising. A set of Athena-like privileges will greatly facilitate alumni community building. The alumni Athena subdomain would also be excellent for public relations between MIT and its alumni. Particularly for young alumni, such relations are vital because only about 25 percent of recent graduates alumni traditionally donate to MIT.

The proposed alumni Athena subdomain would be established within a separate Kerberos realm, which will allow only logins to machines specifically designated for alumni. Additionally, because of site-licensing contracts, MIT cannot grant alumni access to commercial programs, like Maple or Matlab. Putting alumni in a separate Kerberos realm prevents access to these restricted programs. Finally, nobody wants alumni network traffic to slow down Athena. I have been informed by Information Systems that Zephyr and e-mail use minimal network bandwidth (at least compared to graphical programs) and would not appreciably slow down MIT computers.

Equally importantly, this service will be very good for MIT alumni on both social and

professional levels. Strong connections between alumni remind us of the good times that we had at MIT — our living groups, our sports teams, and our organizations. Zephyr provides a convenient way to keep MIT friends connected, both with each other and with current students and faculty at MIT. An alumni subdomain would be a convenient forum in which local MIT clubs could interact and organize events.

It is in the MIT community's best interest to keep its alumni in touch with each other and with the Institute. A stronger alumni presence will enable current MIT undergraduates to contact alumni for mentorship, institutional knowledge, advice, and recommendations.

A closer alumni community also would help MIT to recruit students effectively. It is conventional wisdom that 50 percent of jobs in the United States today are acquired via connections. MIT needs to develop alumni networking. Schools like Texas A&M have very strong alumni networks — if you're a fellow "Aggie," you've got the job.

The proposal for an alumni Athena subdomain could be the foundation of a rejuvenated, vibrant community of MIT graduates worldwide.

Albert L. Hsu '96 is a first-year MD/PhD student at the Albert Einstein College of Medicine and an active member of the MIT Club of New York. He can be contacted at ahsu@aecom.yu.edu.

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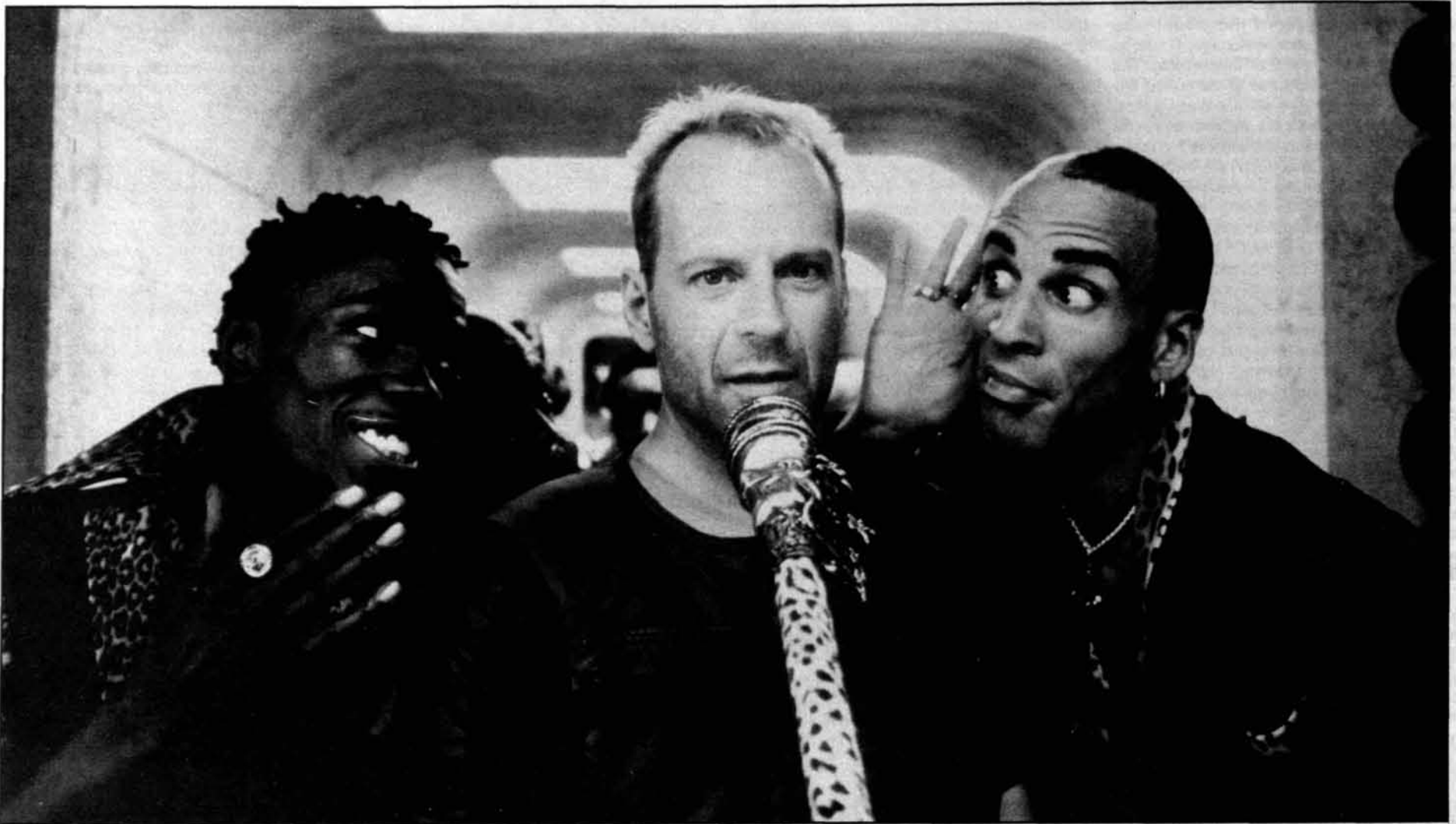
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FILM REVIEW

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THE FIFTH ELEMENT

Directed by Luc Besson.

Written by Luc Besson and Robert Mark Kamen.

Starring Bruce Willis, Gary Oldman, Milla Jovovich, and Ian Holm.

By Jonathan Litt

STAFF REPORTER

French films: They're not just for art-houses anymore. Although *The Fifth Element* is not a French film per se, it was conceived and produced in France by Luc Besson, whose previous films, *La Femme Nikita* and *The Professional*, are as well known in America as most mainstream American action flicks. *The Fifth Element* retains several uniquely French characteristics (such as the ability to make the viewer occasionally wonder, "What was *that* scene all about?"), but for the most part has all the makings of a summer blockbuster: a big star (Bruce Willis), a reliably successful genre (sci-fi), and some of the most amazing visual effects ever to grace the big screen.

The opening shot sets the tone with a modern-day twist on a classic theme. What appears to be a highway rolling underneath the headlights of a moving car is revealed to be a thick asteroid belt rolling underneath the lights of a flying spaceship — likely Besson's way of telling us to expect the unexpected. The setting shifts to an archeological expedition in Egypt in 1914. An archeologist and his assistant (Luke Perry) have discovered an ancient set of hieroglyphics, according to which mankind is threatened every 5,000 years by an ultimate evil entity. This evil can be vanquished with the help of the the four elements — earth, wind, water, and fire — as well as an unexplained magical fifth one. The next confrontation appears to be due in about 300 years.

Jump to New York City, 2259. A cab driver named Korbin Dallas (Willis) wakes up in his cramped apartment to what he thinks will be another drab and unexciting day, but everything changes when a strange, disheveled looking woman (Milla Jovovich) comes crashing through the roof of his vehicle. The audience already knows who she is and where she came

from (I won't give that away here), but Dallas is not too sure what to think about her because she speaks an unintelligible, babbling dialect and the police seem to be chasing after her. Realizing that she might be in danger, Dallas floors the cab to get away from the police. This leads to one of the most spectacular sequences in the film — a special-effects laden car chase on a three-dimensional grid of "streets."

A series of events leads Dallas and his female companion in search of the elements that can help protect mankind from its impending doom. Also in search of these elements are the evil Zorg (Gary Oldman) and his not-so-friendly henchmen of Mangalore aliens, who have the ability to morph into the shape of humans. They all head off to Fhloston Paradise, a floating paradise ship on a remote planet where they think the elements can be found. Much of the art direction at this point turns characteristically French. A flamboyant international radio talk show host (comedian Chris Tucker of "Friday" fame, who contrary to popular rumor did not commit suicide after making this film) and a tenta-

cle-headed intergalactic opera diva are just a few of the characters who are bound to leave baffled and dumbfounded much of the American moviegoing audience. But that's OK, because soon the action shifts to a good old blow-'em-up shootout, the making of which involved the largest indoor explosion ever captured on film. A formulaic cheesy ending finishes things off.

With *The Fifth Element*, Besson has advanced the state of the art in bringing fantasy/sci-fi visuals to the screen. The images might not be convincingly realistic (a la *Twister* or *Jurassic Park*), but they were not intended to be. Instead he was aiming for an aesthetic comic book-like quality, which is no surprise since the visual style was inspired by several famous French comic books, the authors of which headed the artistic design of the film.

The Fifth Element premiered at the coveted opening slot at the Cannes film festival on Wednesday night and opens today in theatres everywhere. Let the summer box office race begin.

Cab driver Korbin Dallas (Bruce Willis) in *The Fifth Element* (above). New York City in 2259. (below).

Ongoing Theater

Rent
Shubert Theatre, 265 Tremont St., Boston. Through May 23. Tues.-Sat., 8 p.m.; Sun., 7 p.m.; matinees, Sat.-Sun., 2 p.m. Admission: \$25-\$67.50. Information: (800)447-7400. Musical based on Puccini's 1896 opera La Boheme.

Film

The Museum at the John F. Kennedy Library
Columbia Point, Boston. Through June 1: Fri.-Thurs., 9 a.m.-5 p.m. Admission: \$6; seniors and students, \$4; ages 6-12, \$2; under 6, free. Information: 929-4523. Films run continuously during the day.
Cuban Missile Crisis. Film documenting the October 1962 confrontation with the Soviet Union. Through June 1.
Fight Against Segregation. A film on events leading up to JFK's national address on civil rights.
Son of Ireland. Portrays Kennedy's visit to his ancestral home. Through June 1.

Exhibits

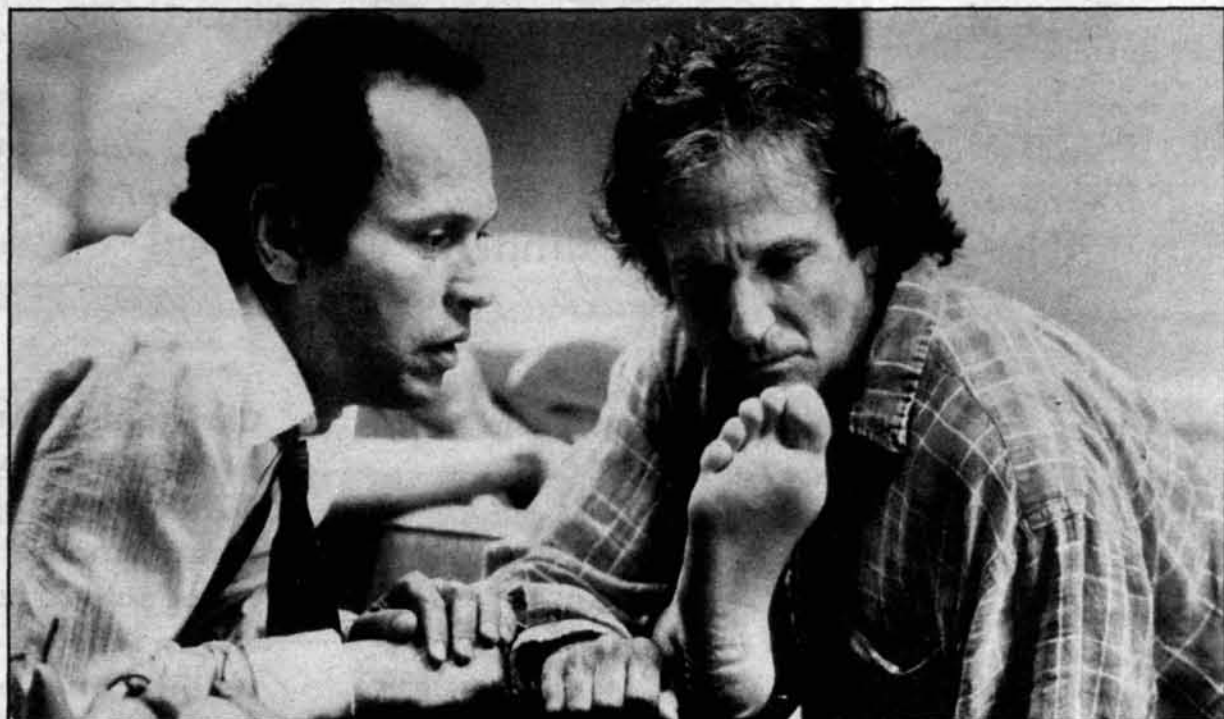
MIT Museum
265 Massachusetts Ave., Cambridge. Tues.-Fri., 10 a.m.-5 p.m.; Sat.-Sun., noon-5 p.m. Admission: \$3; non-MIT students, seniors, and under 12, \$1; MIT students, free. Information: 253-4444.
What's So Funny About Science? Cartoons of Sidney Harris offer a hilarious look at unexpected and incongruous moments in science. Through May 31.
Gestural Engineering: The Sculpture of Arthur Ganson. Ganson's kinetic sculptures exude the wit of their creator, a self-described cross between a mechanical engineer and a choreographer. Ongoing.
Lightforest: The Holographic Rainforest. Large-scale hologram exhibit by Betsy Connors. Ongoing.
Holography. The exhibition explores the holographic universe from its inception in the late 1940s through its artistic and technical evolution and highlights works by the world's foremost holographers. Ongoing.
Math in 3D. Morton C. Bradley's mathematical sculptures inspire inventors of all ages to create their own structures in the adjacent Mathspace activity center. Ongoing.
MIT Hall of Hacks. Chronicling MIT's rich hacking tradition, this exhibition features historic pho-

On The Town

A weekly guide to the arts in Boston
May 9 - 15

Compiled by Cristián A. González

Send submissions to ott@the-tech.mit.edu or by interdepartmental mail to "On The Town," The Tech, W20-483.



Billy Crystal and Robin Williams in *Fathers' Day*, opening today across Boston.

topographs and a collection of artifacts. Ongoing.
Light Sculptures. Vivid interactive plasma sculptures by Center for Advanced Visual Studies alumnus Bill Parker. Ongoing.
On the Surface of Things: Images in Science and Engineering by Felice Frankel. Compton Gallery, 77 Massachusetts Ave., Cambridge. Through June 27: Mon.-Sun., 9 a.m.-8 p.m. Admission: free. Information: 253-4444. Stunning photographs communicate recent research in a variety of disciplines at MIT and other institutions.
Museum of Our National Heritage
33 Marrett Rd, Lexington. Starting May 4, through September 14. Admission: free. Information: 861-

6559. The Museum of Our National Heritage presents a major exhibition of Native American paintings and Southwestern Hispanic textiles. **Collecting the Southwest: The Harvey Family Legacy** comprises two traveling exhibitions drawn from Arizona museums in Phoenix and Flagstaff. It has been assembled from *Personal Passion, Profitable Pursuit: The Katherine Harvey Collection of Native American Fine Art* organized by the Museum of Northern Arizona, and the *Heard Museum's Classics and Dazzlers: Textiles from the Fred Harvey Company Collection.*
Botticelli's Witness: Changing Style in a Changing Florence
2 Palace Rd., Boston. Through May 11. Admission: adults, \$15; senior citizens, \$11; college stu-

dents, \$9; ages 12-17, \$7; ages 5-11, \$4; members, \$5. Information: 734-1359. The work of Sandro Botticelli, one of the most influential artists of the Italian Renaissance, is examined in an exhibition exploring each decade of his artistic career. Changing society, politics, and religion in 15th century Florence influenced Botticelli's style. The exhibition follows his work as it evolved.
The Race to the Moon
The Museum at the John F. Kennedy Library. Off Morrissey Boulevard, Dorchester. Through June 1: Fri.-Thurs., 9 a.m.-5 p.m. Admission: \$6; seniors and students, \$4; ages 6-12, \$2; under 6, free. Information: 929-4523. Exhibit on America's pioneering space exploration.

Museum of Fine Arts
465 Huntington Ave., Boston. Mon.-Tues., 10 a.m.-4:45 p.m.; Wed.-Fri., 10 a.m.-9:45 p.m.; Sat.-Sun., 10 a.m.-5:45 p.m. Admission: \$10; seniors and college students, \$8; ages 17 and under, free; Wed. after 4 p.m., voluntary contribution; Thurs.-Fri., after 5 p.m., \$2 discount. Information: 267-9300.
Beyond the Screen: Chinese Furniture of the 16th and 17th Centuries. The exhibit aims not only to explore the beauty of Chinese art forms, but also to carry the viewer into the physical surroundings of their time. Through May 18.
This is the Modern World: Furnishings of the 20th Century. The exhibit relates the look of objects intended for everyday use

to the creative vision of the artist-maker or designer, and the demands of technology, function, cost, and the needs and desires of the potential buyer or user. Through September.

USS Constitution Museum
Navy Yard, Charlestown. Mon.-Sun., 10 a.m.-4 p.m. Admission: \$4; seniors, \$3; ages 6-16, \$2; under 6, free; under 16 when unaccompanied by an adult, free. Information: 426-1812.
Old Ironsides in War and Peace. Retrospective celebrating the USS Constitution's upcoming 200th birthday. Includes artifacts such as the sea bag and possessions of an 1812 crew member, hands-on activities, and photographs. Ongoing.
Strengthening Old Ironsides. Color photographs documenting the four-year rehabilitation and restorations of the ship. Ongoing.
Capturing Old Ironsides on Canvas. Works by artist Cheslie D'Andrea. Ongoing.

Inside Fort Independence: An Archaeological View of Military Life
Commonwealth Museum, 220 Morrissey Blvd., Dorchester. Mon.-Fri., 9 a.m.-5 p.m.; Sat., 9 a.m.-3 p.m. Admission: free. Information: 727-9268.

The Pyramids and the Sphinx: 100 Years of American Archaeology at Giza
Semitic Museum, Harvard University, 6 Divinity Ave., Cambridge. Mon.-Fri., 10 a.m.-4 p.m.; Sun., 1-4 p.m. Admission: free. Information: 495-4631. Collection of photos and artifacts. Ongoing.

New England Aquarium
Central Wharf, Boston. Mon.-Fri., 9 a.m.-5 p.m.; Sat.-Sun. and holidays, 9 a.m.-6 p.m. Admission: ages 12 and up, \$9.50; seniors, \$8.50; ages 3-11, \$5; under 3, free. Information: 973-5200.

The Otter Limits. Construction relocation of aquarium's colony of harbor seals and sea otters to a new, enlarged habitat behind the aquarium.
Ponds: The Earth's Eyes. Self-guided tour of freshwater habitats. Go with the Flow. Problems and solutions for Boston Harbor.
Giant Ocean Tank. 187,000-gallon coral reef tank.
Rivers of Americas: Amazon and Connecticut.

Original Visions: Shifting the Paradigm, Women's Art 1970-1996
Boston College Museum of Art, 140 Commonwealth Ave., Chestnut Hill. Through May 18. Mon.-Fri., 11 a.m.-4 p.m.; Sat.-Sun., noon-5 p.m. Admission: free. Information: 552-8100. Exhibit includes paintings, photographs and sculptures.

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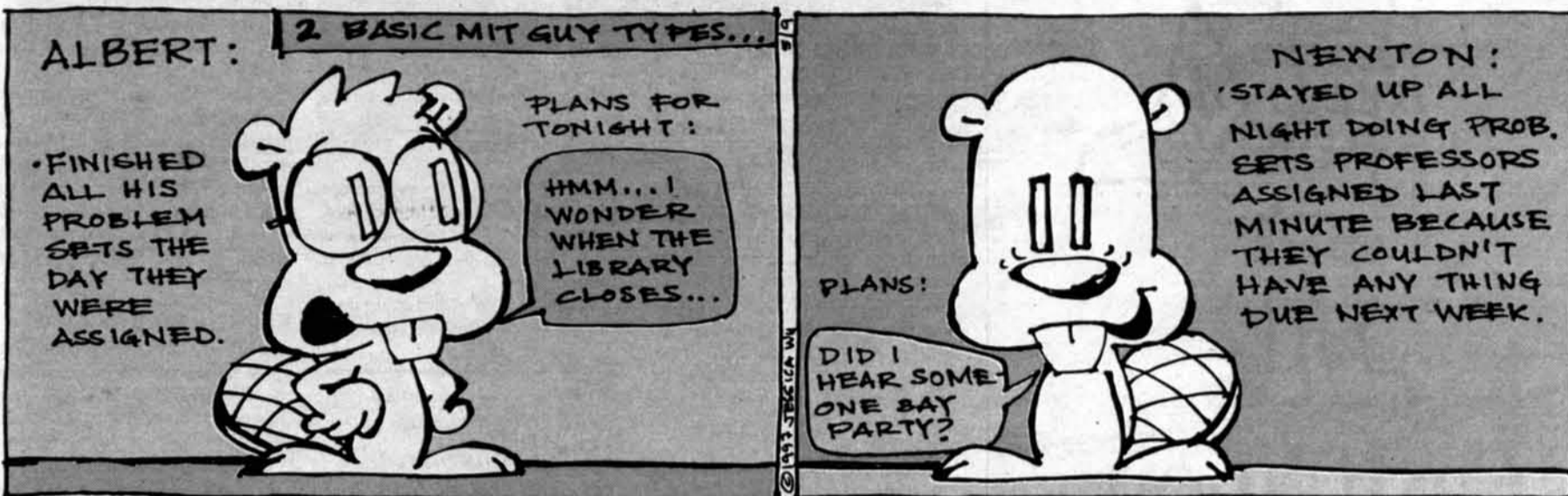
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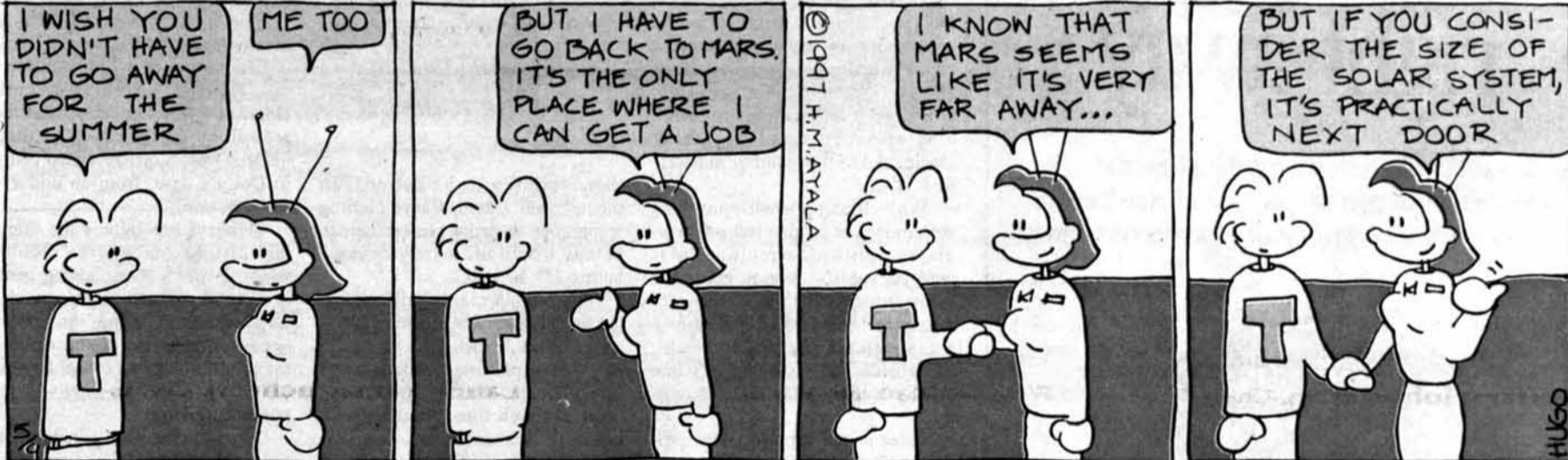
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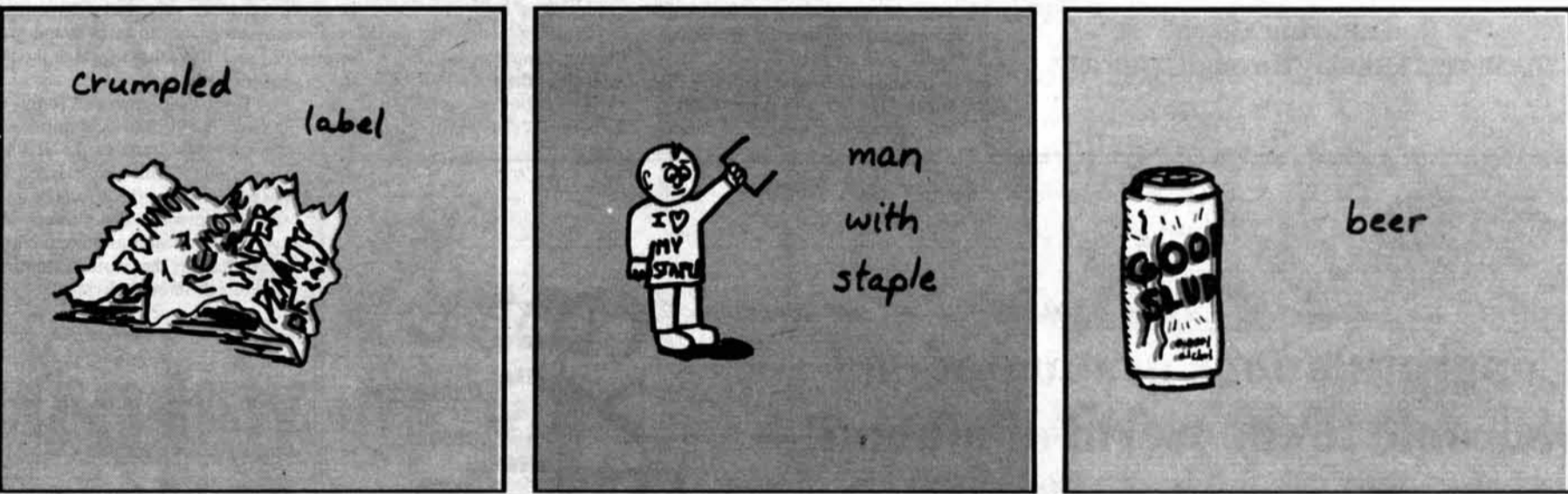
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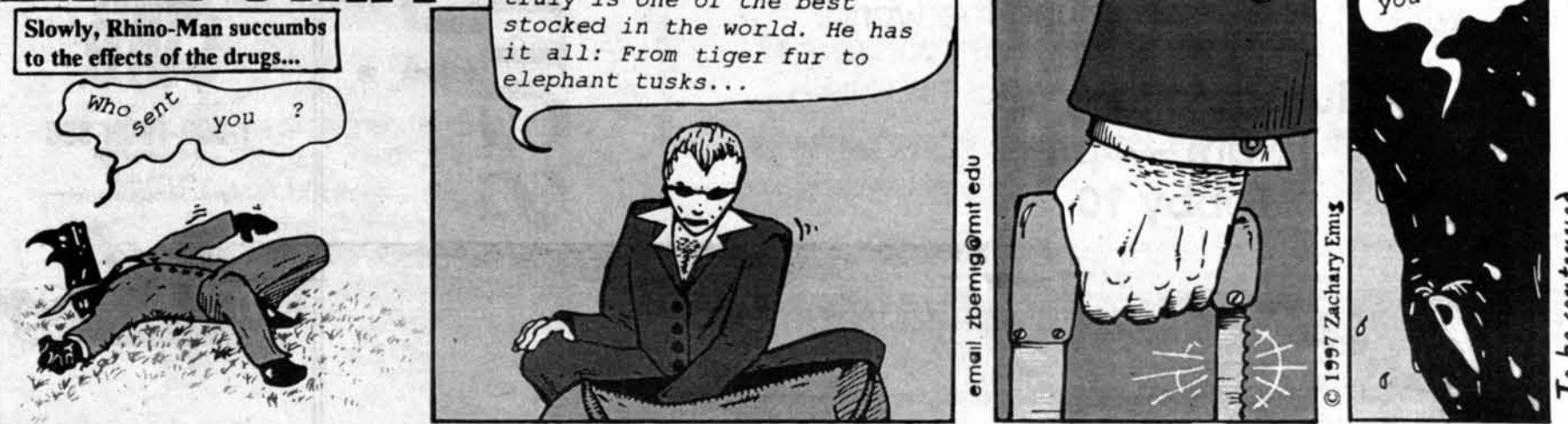
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Panel Discusses Ethical Issues Of Cloning at Crowded Forum

By Jean K. Lee
ASSOCIATE NEWS EDITOR

A crowd of students, faculty, and other interested people gathered in 34-101 on Tuesday night for a panel discussion on the ethical and scientific implications of cloning. Professor of Biology Jonathan A. King moderated the semester's last cultural forum, sponsored by the Technology and Culture Forum and the Lecture Series Committee.

Panelists included George Annas, chair of the Health Law Department at the Boston University School of Public Health; Karl Ebert, who is on the faculty of the Tufts University School of Veterinary Medicine and founded Midas Biologicals; and Ruth Hubbard, a professor emeritus of biology at Harvard University who also serves on the Council for Responsible Genetics.

King started the discussion and said that there is an increasingly wary social consciousness about the consequences of cloning, genetic engineering, organ modification, and controlling various developmental processes.

Ebert spoke first and discussed the mechanisms involved in cloning and producing transgenic animals, those whose genome had been altered. In general, the press has confused the public about the cloning process and is "taking cloning out of the realm of science," he said.

While cloning usually involves the production of identical individuals by splitting a multicellular embryo, specific foreign genes are often integrated to add new elements to the existing genome in transgenic animals, Ebert said. "This isn't totally cloning, it's like mixing apples and oranges together."

Later in the forum, Annas presented several slides that depicted visions of "human cloning horror" to explain the public reaction to the Dolly, a sheep recently cloned by researchers in Scotland. Cartoons full of puns and cultural icons, such as of a sheep learning to clone vegetarians, added humor to the discussion.

Annas said that naming the sheep "Dolly" was an attempt to reduce negative images of cloning

and spur humor, as it was named after celebrity Dolly Parton.

Human cloning not desirable

The "real issue" brought up by Dolly is whether the procedure should be applied to humans or not, Annas said. While about 66 percent of the respondents to a recent survey were against cloning animals, 91 percent disapproved cloning humans.

"There shouldn't be any reasons for cloning humans," Annas said. "Just the idea of cloning children has led many in society to devalue children."

"Cloning is an evolutionary dead end, [because] most parents want

said. People need to assess carefully the extent of cloning of domestic animals, as they are already are degraded for other uses, she said. "It is troubling to go further."

"It's important not to give that [decision-making] power to scientists. It is up to the society," Hubbard said. It was also pointed out that it would be better to use scientists as advisers, rather than as decision makers.

The cloning debate can be used in a positive way to "set up a worldwide structure and universal declaration" against cloning of humans, Annas said.

Expert clarify misconceptions

Hubbard also spoke about various details of cloning and responded to the some of the public debate on the issue. She began by explaining the different meanings that the word "cloning" may assume.

A genetically equivalent organism can be generated by splitting an embryo and implanting it into another animal, or by transferring a nucleus from a cell into an egg cell for activation and division, Hubbard said.

The splash that has caused the recent excitement among scientists is the finding that implantation is not limited to embryo cells, although for biological reasons they are still by far the easiest to use; a nucleus from a differentiated cell — in Dolly's case, from an udder — could be used.

Hubbard highlighted the important distinction between cloning, which involves transplanting genetic material, and creating a new identical animal. "Cloning" in the science-fiction sense of the word — the production of an exact, 100-percent identical carbon copy — is not possible, she said.

Although identical genetic material can be implanted into eggs from the same individual, there is more to a cell than just its DNA: Each egg has a different mitochondrial and cytoplasmic makeup, Hubbard said. In addition, and perhaps more importantly, the environment the embryo grows up in is bound to be different from that in which the parent animal faced.

"There is a notion that [only] the DNA in the nucleus determines who we are," Hubbard said. "It's not really true." She emphasized the need to look into the effects of interactions between the nucleus and cytoplasm, as well as other environmental factors that would essentially lead to a different individual.

"We're playing on dangerous grounds here. We certainly do not want to touch this cloning with humans. It is up to the society to decide what should or shouldn't be done."

— Ruth Hubbard

their children to be better than them," Annas said. Using cloning techniques to make perfect human beings would ultimately devalue human life, he said.

The human cloning discussion led to the issue of regulation. "[It] is all we've got," Ebert said.

"We're playing on dangerous grounds here. We certainly do not want to touch this [cloning] with humans," Hubbard said.

"It is up to the society to decide what should or shouldn't be done," Hubbard said. This raised various questions like how regulation should be administered and to what extent research on cloning should be permitted.

Cloning presents a problem "because most of us have a strong interest in the notion of individuality. The notion of producing copies is offensive to many," Hubbard

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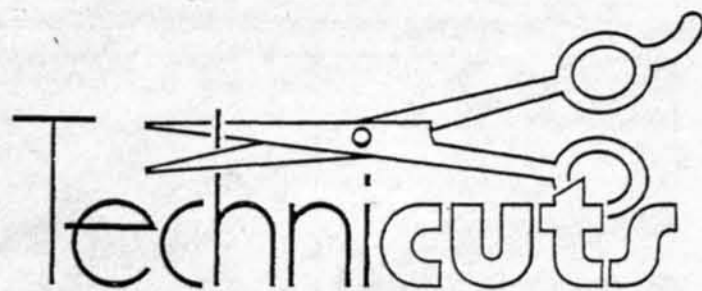
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AHMED AIT-GHEZALA—THE TECH

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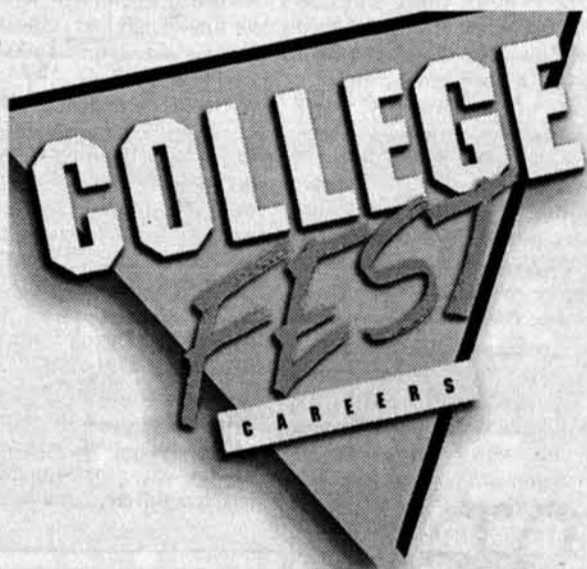
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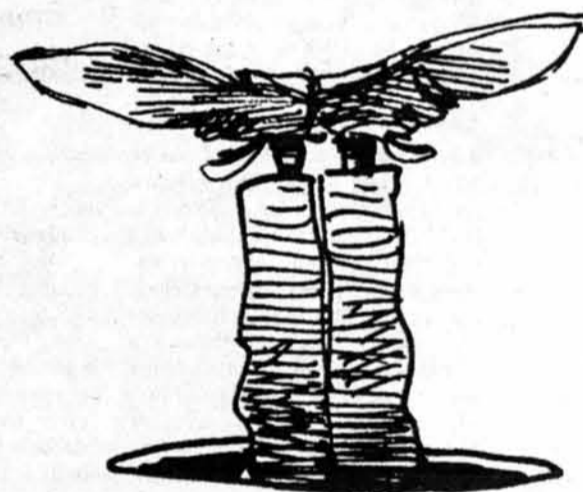


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Harvard Students Lose Early Returns For Activities Fair

By Douglas E. Heimbarger
ASSOCIATE NEWS EDITOR

Harvard University groups may not receive early returns for members to attend this fall's activities fair because of changes in the school's return policy.

In the past, Harvard's houses opened before the activities fair, where campus groups recruit prospective freshman members.

This year, however, upperclassmen are scheduled to move in on Sept. 10, while the activities fair is scheduled for Sept. 8.

Major Harvard activities like *The Crimson*, choral groups, and the Crimson Key Society have traditionally been allowed into dormitories early.

"We have not made that decision to extend that housing privilege to all groups," said Archie C. Epps III, Harvard's dean of students.

As an alternative, Epps suggested that local members of campus groups attend the fair.

But groups had problems with that proposal as well. "It's going to be quite a challenge to make a vivid impression on the freshmen," said Geoffrey C. Rapp, a member of Holoimua o'Hawai'i. If there are not a large number of group members present, "it is unlikely that [freshmen] will want to be a part of our club."

[*The Harvard Crimson*, May 2]

Stanford Greeks to get housing
Fraternities and sororities at Stanford University will be able to apply for on-campus group housing for the 1997-98 school year.

Members of the Greek organizations had previously been prohibited from applying for housing in the university's dormitories under a 1977 rule of the university. Since then, a number of groups have been founded, including the university's first minority fraternities.

Stanford's sorority system also postdates the rule prohibiting new Greek housing at the university. Sororities were banned from Stanford in 1944 and reinstated in 1977.

While the new proposal may lead to more group housing in Stanford dormitories, the university has no plans to replace current housed groups. "We would never displace a successful program," said Heather Dunn, Stanford's

assistant director of student activities.
[*The Stanford Daily*, May 5]

Brown to fine late payments

Brown University decided last month to end a long-standing "red lighting policy" that banned those who failed to pay bills on time from using the library and athletic facilities.

A new financial penalty system will take its place: Those paying their bills late will be fined \$150 per semester, up from \$30 per semester, while the account will accrue interest at 18 percent per year.

Students who have \$1,000 or more in unpaid bills will be prohibited from registering at the university until the bill has been paid in full.

"The university is not trying to make money out of this policy. It's just a process to collect the money that it is owed," said Donald Reeves, Brown's chief financial officer.

Members of Brown's Young Communist League expressed their concern at the lack of student input in the decision. "There's no reason to keep us out," said Sara Mersha. "The discussions should not happen behind closed doors."

The league recently publicly protested against the red lighting policy. "The university's charging more money will not make people more able to pay," Mersha added. The incident shows Brown's negative attitude to student affairs.

[*The Brown Daily Herald*, April 23]

Dartmouth votes against dining

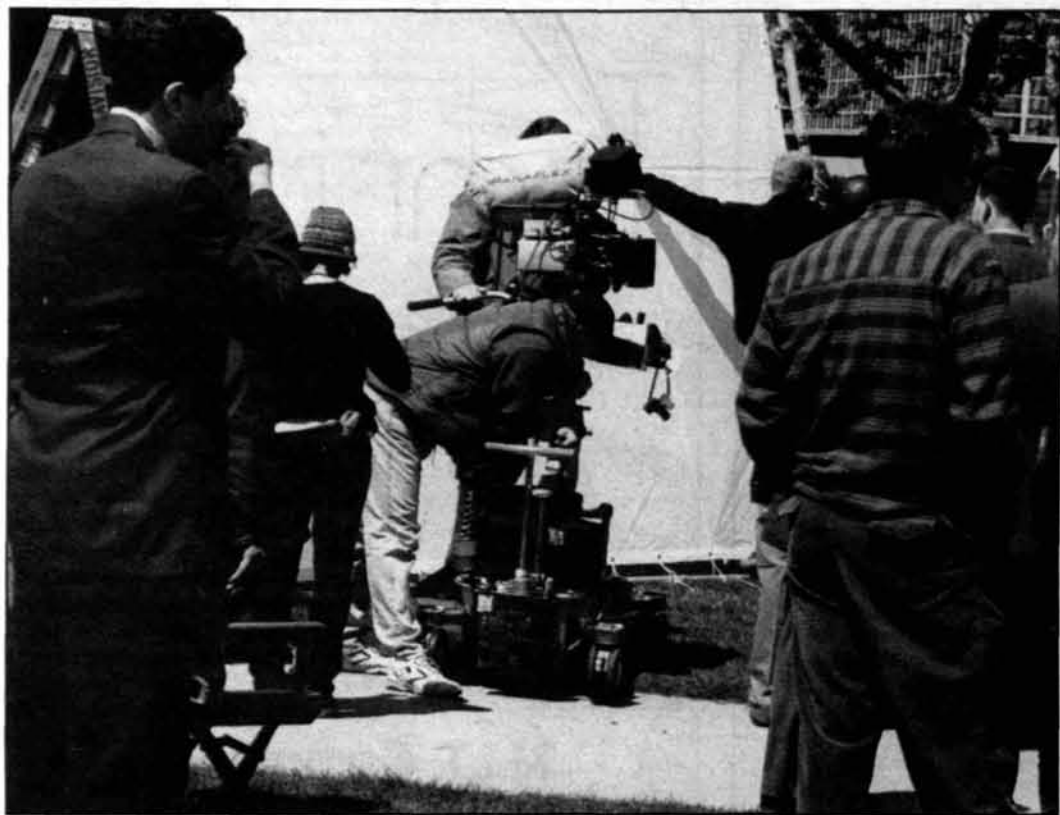
Students at Dartmouth College voted overwhelmingly last month to cut dining services instead of instituting a mandatory \$800 per term meal plan.

Of 2,690 students, 1,965 voted for "significant cutbacks in services" instead of the mandatory meal plan.

As a result of the survey, Dartmouth Dining Services is considering alternatives to the \$800 meal plan. Most likely, students will have a mandatory meal plan of approximately \$500.

Most likely, "some people will lose their jobs," said Case Dorkey, a Dartmouth sophomore who wrote the referendum. "But I imagine that the extent will be much less than people thought."

[*The Dartmouth*, April 28, 30]



GREG KUHNEN—THE TECH

Actors, directors, and camera crews were on campus on Wednesday outside the Johnson Athletics Center to film parts of *Good Will Hunting*. The movie features Matt Damon (*Chasing Amy*) as a Boston genius coping with his talents. Robin Williams, Ben Affleck (*Chasing Amy, Mallrats*), and Minnie Driver (*Grosse Pointe Blank, Sleepers*) also star in the movie. Gus Van Sant (*To Die For*) directs this Miramax film, scheduled for release on December 25, 1997.

MIT Informs Parent Company Of Conflict with Strong Letter

Phone, from Page 1

"When the initials MIT are used in factual representation, there is nothing we can do. However, when it crosses the threshold of using MIT as an implication of endorsement, it is illegal," Henneberry said. When such cases arise, the Technology Licensing Office usually sends out a letter requesting the cease-and-desist of the illegal use of MIT's name or logo, he said.

Parent company was notified

A cease-and-desist letter was sent to Unplugged Communications in Portland, Ore., which is the parent company of SmallWorld Communications, Henneberry said. In response, President of Unplugged Communications Marcello Claire apologized to Henneberry over the telephone for their inappropriate use of MIT's name and agreed to "cease and desist from any such contact with MIT employees."

Claire also agreed that an investigation into the method which SmallWorld Communications used to obtain staff addresses was needed

and that he would conduct it.

"Unlike other universities where much money is made off of the college logo and name through famous sports teams, the MIT logo represents years of research and the Institute's priceless image, which must always be protected," said Lita Nelsen, director of the TLO.

To the best of her knowledge, there have been no legal suits pressed in court concerning the infringement of MIT's name, Nelsen said. Most people realize the strength of MIT's name and do not wish to fight it, she added.

Bank also infringed on MIT's logo

A similar unauthorized use of MIT's name occurred in January last year, when a mass-mailing selling "MIT Internet Banking" was distributed to a large number of students. Security First Network Bank was behind the illicit solicitation, and sent the brochures through a company called On-Campus Marketing ["Internet Bank Mass Mailing Used MIT's Trademark Illegally," Feb. 20, 1996].

Alarm had been raised over how

the bank and On-Campus Marketing had been able to attain students' addresses; there had also been concern about the header on the brochure, "MIT Internet Banking,"

"The MIT logo represents ... the Institute's priceless image, which must always be protected."
— Lita Nelsen

since MIT never endorsed the bank or allowed the name to be used.

On-Campus Marketing had bought a list of MIT student addresses from American Student Lists, a company that has lists of home and school addresses of college students. A cease-and-desist letter was sent to On-Campus Marketing, which later apologized for its actions.

Please join us for a community wide observance of
Yom Hazikaron and Yom Haatzmaut
Sunday, May 11 at 7:00 PM in 3-133

MIT Hillel, MITSi and the MIT Israeli Students Club invite you to join them as they come together to commemorate Israel's Memorial Day for Fallen Soldiers and Celebrate Israel's Independence Day with a multi-media program. This presentation will include slides, video, music, spoken word and live action. The program will use images and music to pay a fitting tribute to all those who've given their lives in defense of the State of Israel and build into a full blown celebration of the anniversary of the birth of the State of Israel.

The program will be followed a birthday party complete with Israeli food and dancing. For more information call the Hillel office at 253-2982.

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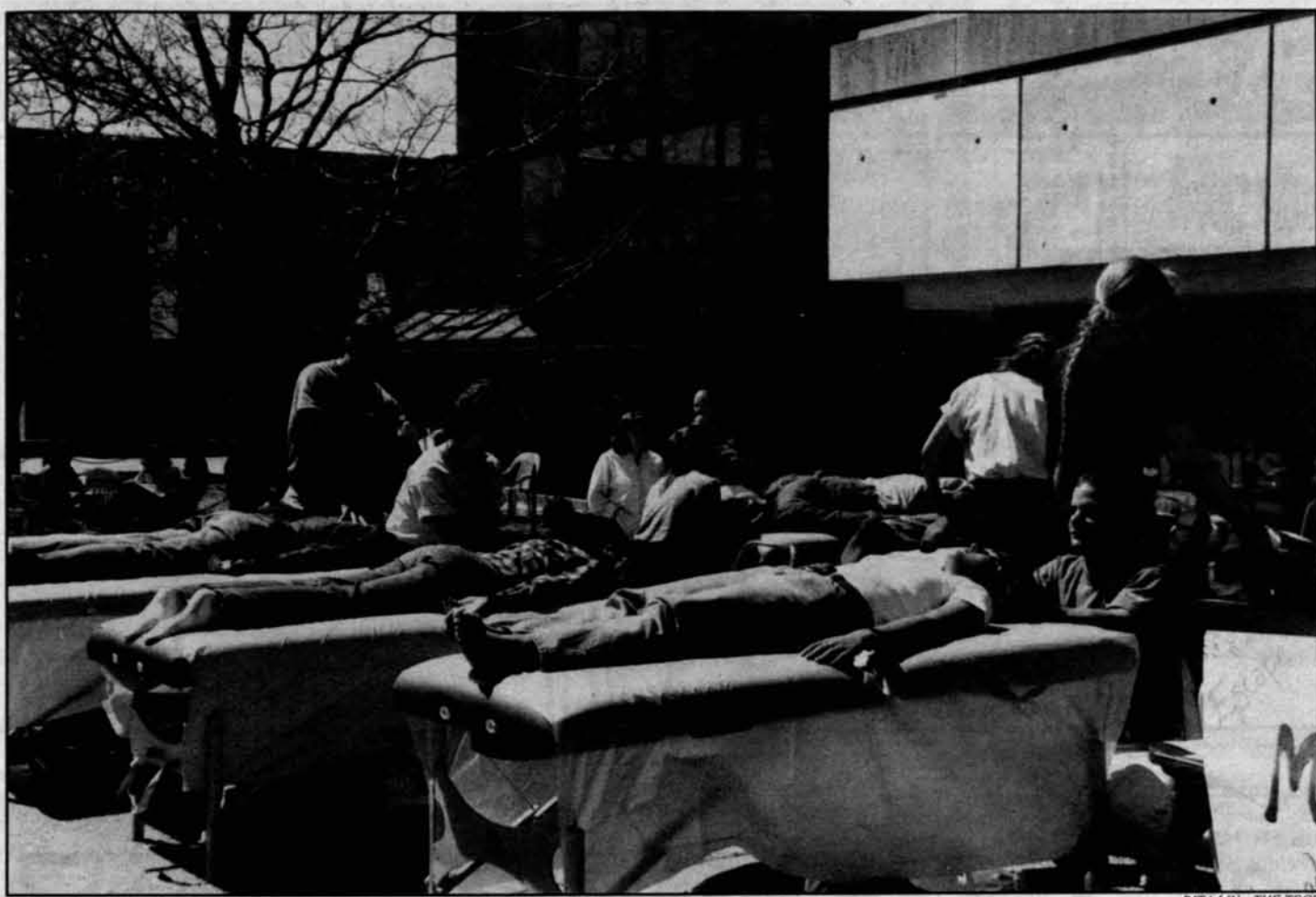
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RITA LIN—THE TECH

Students get a well-deserved massage at the Health Fair held last Friday on the steps of the Student Center.

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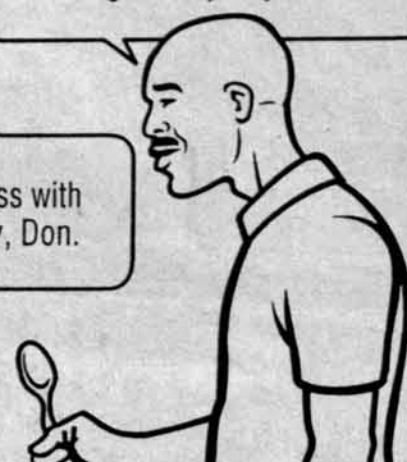
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<http://web.mit.edu/50k/www/>



Dancers perform to the theme music of *The X-Files* during the Dance Troupe's "Unstoppable," playing in La Sala de Puerto Rico this weekend. RICH FLETCHER—THE TECH

Students Express Doubts About Need For Better Firearms

Guns, from Page 1

The decision to upgrade to semi-automatic weapons lies solely with Glavin although she does consult with Senior Vice President William R. Dickson '56 for budgetary considerations.

The Campus Police have been armed since 1957. The last weapons

is an easier weapon with which to train officers, Devlin said.

Marksmanship among the officers improved with the switch to semiautomatic weapons. Female officers also fared better with semiautomatic weapons, Devlin said.

Another problem with the revolver was the greater maintenance it required in comparison to the semiautomatic weapon, Devlin said. The weapon that is currently used by BU police is "very maintenance-free."

"There's no need for it. It'll just instill more fear in the campus."

—Somak

Chattopadhyay '98

Students express opinions

Students had a variety of reactions to the prospect of Campus Police officers being equipped with semiautomatic weapons.

Some felt the upgrade was justified.

"If they feel safer on duty and it helps them do their jobs, I don't see any reason why we should feel intimidated. They're there to protect us," said Sourav K. Mandal '00.

Others saw no reason for such an upgrade from revolver to semiautomatic.

"It's ridiculous. There's no need for it. It'll just instill more fear in the campus," said Somak Chattopadhyay '98.

"It will only provide a false sense of extra security," said Salman A. Khan '98.

"I want more automatic love and less automatic weapons," said Paul Fengler, a visiting student from McGill University.

upgrade occurred sometime during the 1970s, Glavin said.

Weapons already in use elsewhere

Across the river, the Boston University campus police have been using semiautomatic weapons for over five years, said Steven M. Devlin, chief of BU's police.

The change took place sometime after the overall nationwide conversion to semiautomatic weapons in police departments across the country that took place in the late 1980s, Devlin said.

The main reason for the switch was that the semiautomatic weapon

to gain from this summer's experience.

"It is a wonderful opportunity to teach and learn in a foreign setting," said Daniel A. Dwyer '00.

"There is a tremendous amount of culture and understanding that we can gain from this program," said Shamsul A. Sopiee '97.

Seid and Cao said it is the enthusiasm shown for MIT-CETI that will be key to the program's growth. Presently, there are plans to expand the program with possible branches at Harvard University and Stanford University.

ed a cultural retreat sponsored by MISTI. Interns received instruction from professional cross-cultural consultant June Mei.

"I thought [the retreat] was very helpful. A number of misconceptions were cleared up. It was kind of like an eye opener," said intern James Montgomery '00.

Students express enthusiasm

Interns expressed excitement and enthusiasm about their involvement in MIT-CETI. Many interns noted the cultural and educational enrichment that they hope

Students Receive Training for Trip

CETI, from Page 1

"There's more people who don't speak Chinese in the program than people who do speak Chinese," Cao said.

Each team is required to develop a proposal of how they will complete the project. These proposals are intended to draw on the interns' creativity to come up with the means to utilize their different skills and successfully complete the project.

In preparation for dealing with cultural differences and to make the most of the program, interns attend-

The Tech

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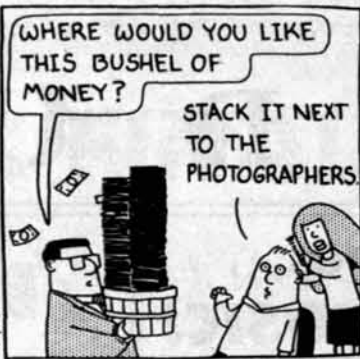
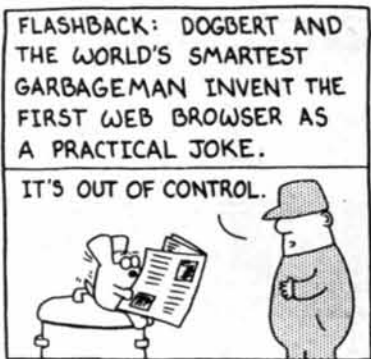
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Across

1. Sing alone
5. Dry
9. Beaver construction
12. Change into vapor (abbr.)
13. Dole out
14. Beer
15. Language
17. Washington building
19. Opaque coating
21. Want
22. Slice
24. Man's nickname
25. Limited (abbr.)
26. Doctor's group (abbr.)
27. Sound system
29. Near
31. Jelly
32. Tellurium symbol
33. Suffix added to make a verb an adjective
34. Verb (plural)
35. Suffix used to form verbs
36. Lords
38. By way of
39. Even

40. Rhenium symbol
41. Hollow instrument
42. Icon
44. Attorney
46. Nonmetallic element
48. Delete
51. Civil War general
52. Confining area
54. Zeus' shield (var.)
55. Curvy letter
56. Suggestion
57. Examination
16. Sodium symbol
18. Enter
20. Measurement
22. Congressional aide
23. Prayer ending
25. Allows
27. Heavenly body
28. Restore
29. Seed covering
30. Duck
34. Usual
36. Indonesian island

Down

1. Select (abbr.)
2. Eggs
3. On the side
4. Think
5. Arc
6. Ebb
7. Italic (abbr.)
8. Sheriff's assistant (abbr.)
9. Old
10. Medicinal plant
11. Displayed cards

PUZZLE SOLUTIONS FROM LAST ISSUE

CUD	SEPIA	GOT
APE	ALARM	ENE
MIRAGE	KERNEL	
IMAGE	NET	
HIVE	NET	SLAP
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KIN	SWEET	LEE

Athletes Earn Many End of Year Honors

By Roger Crosley
SPORTS INFORMATION DIRECTOR

Though the team as a whole did not qualify to compete at nationals, the tennis team achieved a number eight ranking in the East.

Sports Shorts

In addition, Michelle Youn '00, the second singles player for the team, ranked 15th in the East. In doubles play, Nakamura and Nora Humphrey '98 were ranked 16th nationally and fifth in the East.

Runners qualify for nationals

Men's track and field sophomores Mike Parkins '99 and Leif Seed '99 each qualified for the NCAA Division III Championships in the 3,000-meter steeplechase. Parkins and Seed will represent MIT at the championships from May 21 to 24 at the University of Wisconsin-LaCrosse.

Gymnast vies for national honor

Gymnast Sheila Rocchio '97 has been selected as the Division III gymnastics nominee for the Honda

Award. Rocchio will compete with nominees from other sports in NCAA Division III for the award which is given to the outstanding female athlete in sports in which the NCAA holds championship competition.

It is Rocchio's second nomination for the award; Rocchio was the Division III gymnastics selection in 1994-95.

NEW 8 teams named

The end of the spring seasons brings the naming of New England Women's 8 All-Conference teams.

In crew, Arlene Frech '97 and Amy Gieffers '97 were selected in the varsity boat, and Kathleen Vokes '00 was named to the novice boat.

In softball, third baseman Anna Cherubin '99 and shortstop Sherry Mowry '98 were each All-Conference picks.

Tracy Sadowski '99 was named to the lacrosse team. The track team includes Jennifer Elizondo '99 in the javelin and Janis Eisenberg '98 in the 3,000 meters.

Lily J. Koo '97 contributed to the reporting of this article.

Dartmouth Surprises To Win Cochrane Cup

Crew, from Page 20

Team captain Lentz said that "Dartmouth and Wisconsin are two of the very fastest handful of crews in the county this year. It's great that we can race with the very highest standard in the country."

In the junior varsity race, MIT also finished behind Wisconsin and Dartmouth. The junior varsity boating, from bow to stern, was Perkin Shiu '99, Duane Dreger '99, Shawn Meredith G, Jeb Keiper '99, Paul Marquart G, Solar Olugebefola '99, Shane Wu '99, and Jared Cotrell '97 (stroke).

"We had a good starting sequence, and with the first 500 down were only two seats from Dartmouth, but then when we came out of the wind cover, the boat slowed and never recovered," Keiper said.

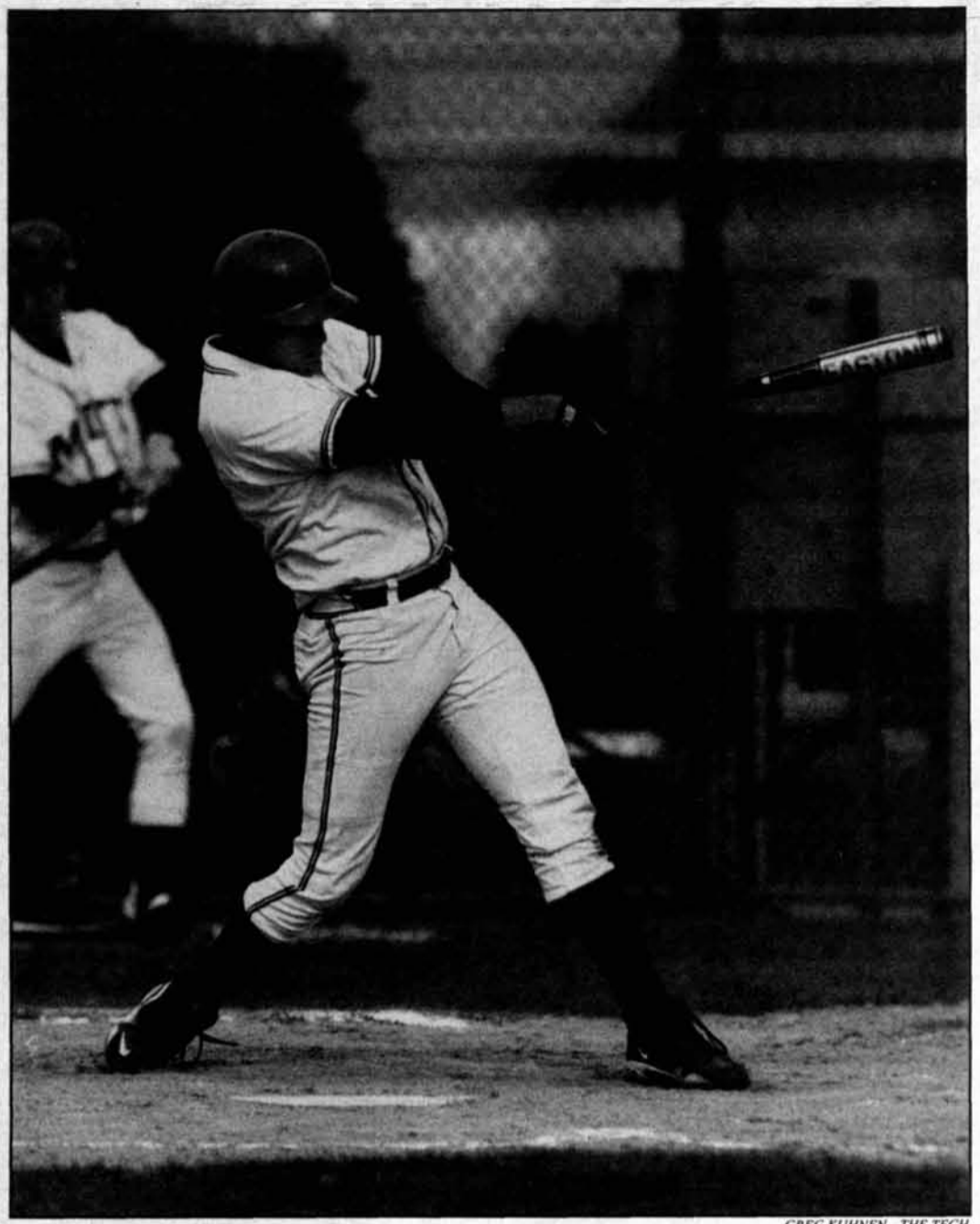
"We had a strong race if not a rhythmic one," Olugebefola said. "We are this close to getting our swing together. When that happens, we should improve dramatically."

Both boats will be looking to make those improvements in two rounds of racing this weekend at the Eastern Sprints Championships on Lake Quinsigamond in Worcester.

On Sunday morning, the varsity heavyweights will race Brown University, Yale University, Dartmouth, and the U.S. Naval Academy in their qualifying heat. The junior varsity will face the

University of Pennsylvania, Princeton University, Rutgers University, and Cornell University in their qualifying heat.

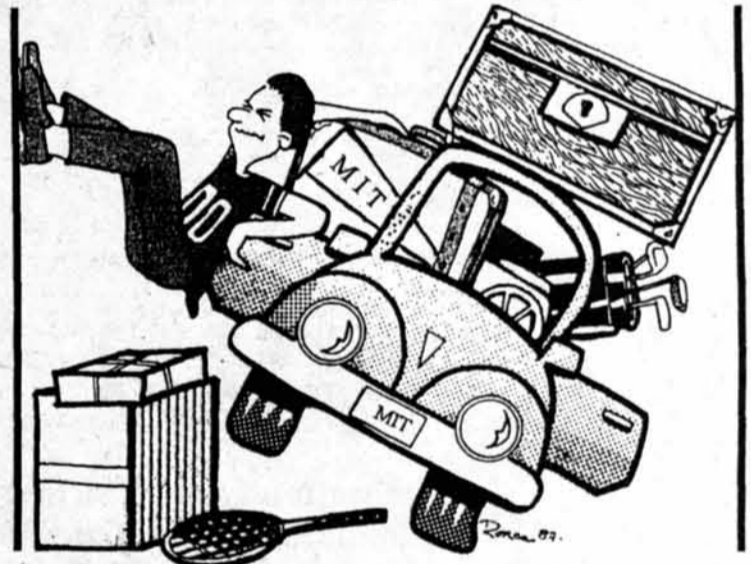
Both crews will race again later in the afternoon in finals races, the makeup of which will be determined by place finishes from the qualifying heats.



David Phio '00 pounds a ball deep into the outfield in a game vs. Eastern Nazarene College on Wednesday. MIT lost the game 9-8, putting their record at 16-14.

GREG KUHNEN—THE TECH

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SPORTS

Two Wins Give Men's Rugby Division Championship

By Chris Sununu
TEAM MEMBER

The men's rugby Rucking Beavers clinched the second consecutive Social Division Championship this week with back-to-back wins against Western Ontario Business School (29-7) and the Boston Gentlemen (25-5).

On Friday, MIT faced off against the Western Ontario Business School. Once a year, the Ontario team ventures down to New England for a friendly tour of Boston. Traditionally, the team plays two matches during their week, one against Harvard University and the other against MIT.

This year went well for the Canadians as they defeated Harvard for the first time and came into the MIT match on a roll.

The first half went well for the MIT squad as the forward pack held the larger Ontario team from advancing. The rucking of MIT's pack provided clean ball to the back line and set up two quick tries by Hue Price G and Chris Kantner '97.

To counter the quick play of MIT, W. Ontario began mixing up their play calls to slow the pace of the game. Twice they stalled MIT by mixing up their numbers in the line outs and using long kicks to draw the MIT backs away from the ball.

"We dominated during the first half, but they were smart in engineering their plays around us," said Steve Murray G.

MIT wised up in the second half and did not allow W. Ontario to play around them as before. Toshiyuki Hino G, celebrating the birth of his son the day before, drove in two consecutive tries from the scrum-half position including a beautiful 40-meter run.

W. Ontario, tired from MIT's quick back line, was only able to counter with one try of their own resulting in a 29-7 victory.

"These guys are the most exciting team we play all season. Win or lose, we always have a good time,"

said team captain Jeff Bucci. "Both teams played clean and hard which always makes great rugby."

The celebration was short lived for MIT since they had to come out the next day to face the Boston Gentlemen. The team needed a win to secure their undefeated season and the division title.

The Boston Gents, known for their rough play, came out fierce and drove the ball down to the MIT five-meter line within minutes. It took a strong scrum and good kicking to protect their goal line, but MIT punched back and stopped the Gents' surge.

The team took advantage of their fitness and played the ball out to the backs in the first half which set up scores by Dan McCarthy G and Jeremy Levin G. These scores, along with two spectacular penalty kicks by Steve Murray G gave MIT a commanding 18-0 lead by the half.

The Boston Gents were not done by far though, as they made half-time substitutions and added 200 pounds to their forward pack to stop MIT. This tactic proved to be the right choice for the Gents as they drove in a try to move the score to 18-5.

MIT did not panic as they used long passes and deep kicks to tire out their opponents. Great defense by McCarthy and Chen also saved points for the team as they scored once more and held on for a 25-5 victory and the division championship.

"We were concerned by their immense size at halftime, but we used the right strategies to maintain possession," said Fernando Vargas G. "Holding the ball and finding your opponents weaknesses is what this game is all about."

As division champs, MIT will venture to Newport, R.I., to play in the New England tournament along with the Boston Dinosaurs.

"With a little luck, they'll bring back that trophy, too," said coach Stephen Willhelm.



Jeff Bucci of the rugby team holds firmly onto the ball after receiving a back pass from his teammate. MIT beat the Boston Gentlemen rugby team 20-0 in Saturday's game at Briggs Field.

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Dartmouth, Wisconsin Defeat Heavyweights

By Karl Richter
TEAM MEMBER

The varsity heavyweights rowed a respectable race last Saturday against the University of Wisconsin and Dartmouth College but were outmatched by both crews. Both the varsity and junior varsity boats traveled to Madison, Wis., for the 36th rowing of the Cochrane Cup.

In a surprise upset, Dartmouth knocked off Wisconsin, ranked fifth in Division I, in a time of 5 minutes 34.7 seconds, while Wisconsin finished in 5:36.8. MIT finished 10 seconds behind Wisconsin in a time of 5:47.8.

A storm blew into Madison the evening before the race and brought with it strong winds and rains which prompted the officials to move the race from the normal 2,000-meter race course on Lake Mendota to a shorter 1,852-meter course on the smaller Lake Wingra. A strong head wind still prevailed, but the wind and waves were less severe on the smaller lake.

In the varsity race, the lead changed three times. MIT led the three crews off the start and in the early part of the race. Wisconsin moved ahead first, building up a five-seat lead by the 500-meter mark, before Dartmouth pulled even at the 1,000-meter mark to leave MIT about a length back.

Dartmouth steadily inched ahead of Wisconsin for the rest of the race. MIT surged once on Wisconsin and moved to a position five seats down on Wisconsin. However, the young MIT crew was not able to pass or pull even with the more powerful Wisconsin boat.

Dartmouth went on to finish a half-length ahead of Wisconsin, with MIT less than three-quarters of a length of open water behind. The varsity boating, from bow to stern, was Charley Able '97, Brian Smith '97, Mads Schmidt '98, Karsten Kallevig '99, Mike Perry '99, Dan Parker '99, Karl Richter '99, Robert Lentz '98 (stroke), and Jen Lykens '99 (coxswain).

Although disappointed with the outcome, the varsity Engineers were pleased and encouraged by certain parts of the race.

"It's good to know that we can now move on anyone in our league when we really want to," Able said. The league, in this case, is the 15-college Eastern Association of Rowing Colleges, or the Eastern Sprints Conference of crews, the Division I of collegiate rowing.